API Well Number: 43013515810000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
GMBU N-17-9-16

2. TYPE OF WORK
DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
MONUMENT BUTTE

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

8. ADDRESS OF OPERATOR
Rt 3 Box 3630 , Myton, UT, 84052

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU-74390

11. MINERAL OWNERSHIP
FEDERAL ● INDIAN ○ STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ● INDIAN ○ STATE ○ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ●

19. SLANT
VERTICAL ○ DIRECTIONAL ● HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1965 FNL 2048 FWL	SENW	17	9.0 S	16.0 E	S
Top of Uppermost Producing Zone	2470 FNL 1551 FWL	SENW	17	9.0 S	16.0 E	S
At Total Depth	2306 FSL 1008 FWL	NWSW	17	9.0 S	16.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
334

23. NUMBER OF ACRES IN DRILLING UNIT
20

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
727

26. PROPOSED DEPTH
MD: 6188 TVD: 5980

27. ELEVATION - GROUND LEVEL
6006

28. BOND NUMBER
WYB000493

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 6188	15.5	J-55 LT&C	8.3	Premium Lite High Strength	289	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME	TITLE	PHONE
Mandie Crozier	Regulatory Tech	435 646-4825
SIGNATURE	**DATE** 07/16/2012	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013515810000

APPROVAL

Permit Manager

RECEIVED: August 02, 2012

NEWFIELD PRODUCTION COMPANY
GMBU N-17-9-16
AT SURFACE: SE/NW SECTION 17, T9S R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1570'
Green River	1570'
Wasatch	6210'
Proposed TD	6188'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1570' – 6210'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

RECEIVED: July 16, 2012

4. *PROPOSED CASING PROGRAM*

a. Casing Design: GMBU N-17-9-16

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,188'	15.5	J-55	LTC	4,810 2.44	4,040 2.05	217,000 2.26

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU N-17-9-16

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,188'	Prem Lite II w/ 10% gel + 3% KCl	289 943	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

RECEIVED: July 16, 2012

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2012, and take approximately seven (7) days from spud to rig release.

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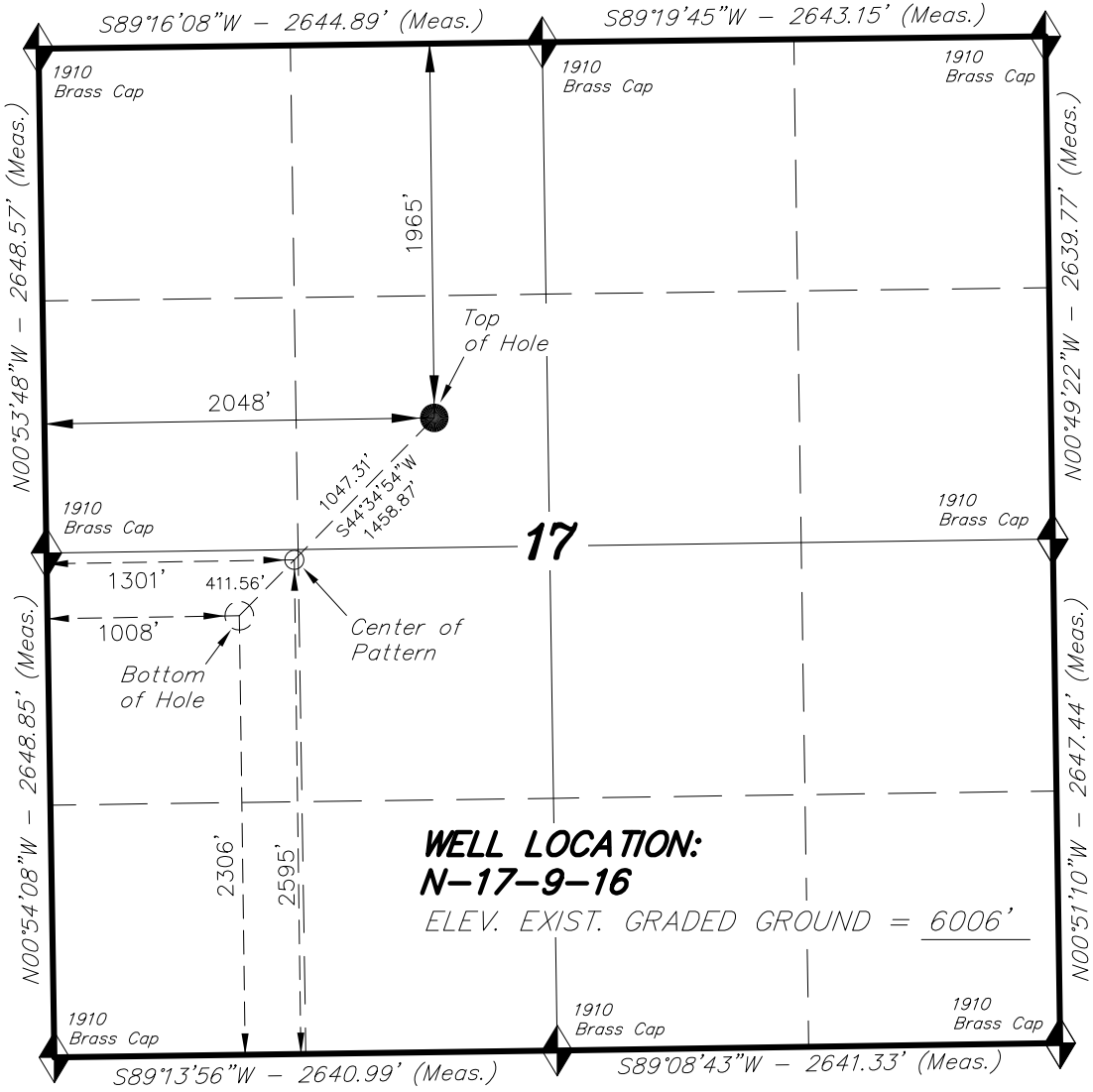
API Well Number: 43013515810000

T9S, R16E, S.L.B.&M.



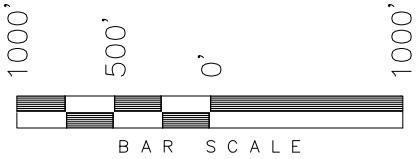
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, N-17-9-16, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 17, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, N-17-9-16, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 17, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 04-24-12 STACY W. STEWART STATE OF UTAH

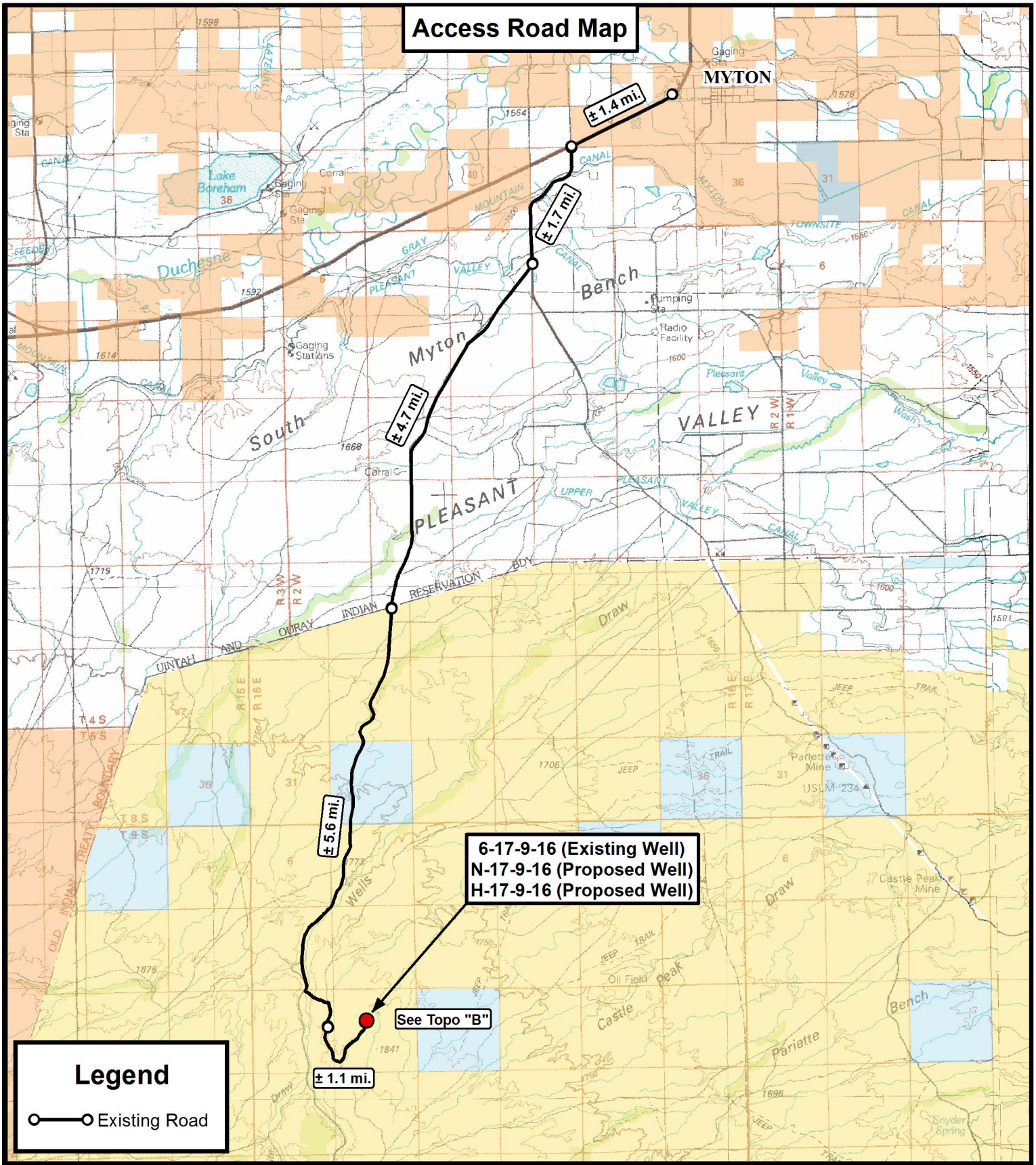
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

N-17-9-16 (Surface Location)	NAD 83
LATITUDE =	40° 01' 57.94"
LONGITUDE =	110° 08' 43.14"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-24-11	SURVEYED BY: D.G.	VERSION:
DATE DRAWN: 04-24-12	DRAWN BY: M.W.	V2
REVISED:	SCALE: 1" = 1000'	

API Well Number: 43013515810000



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

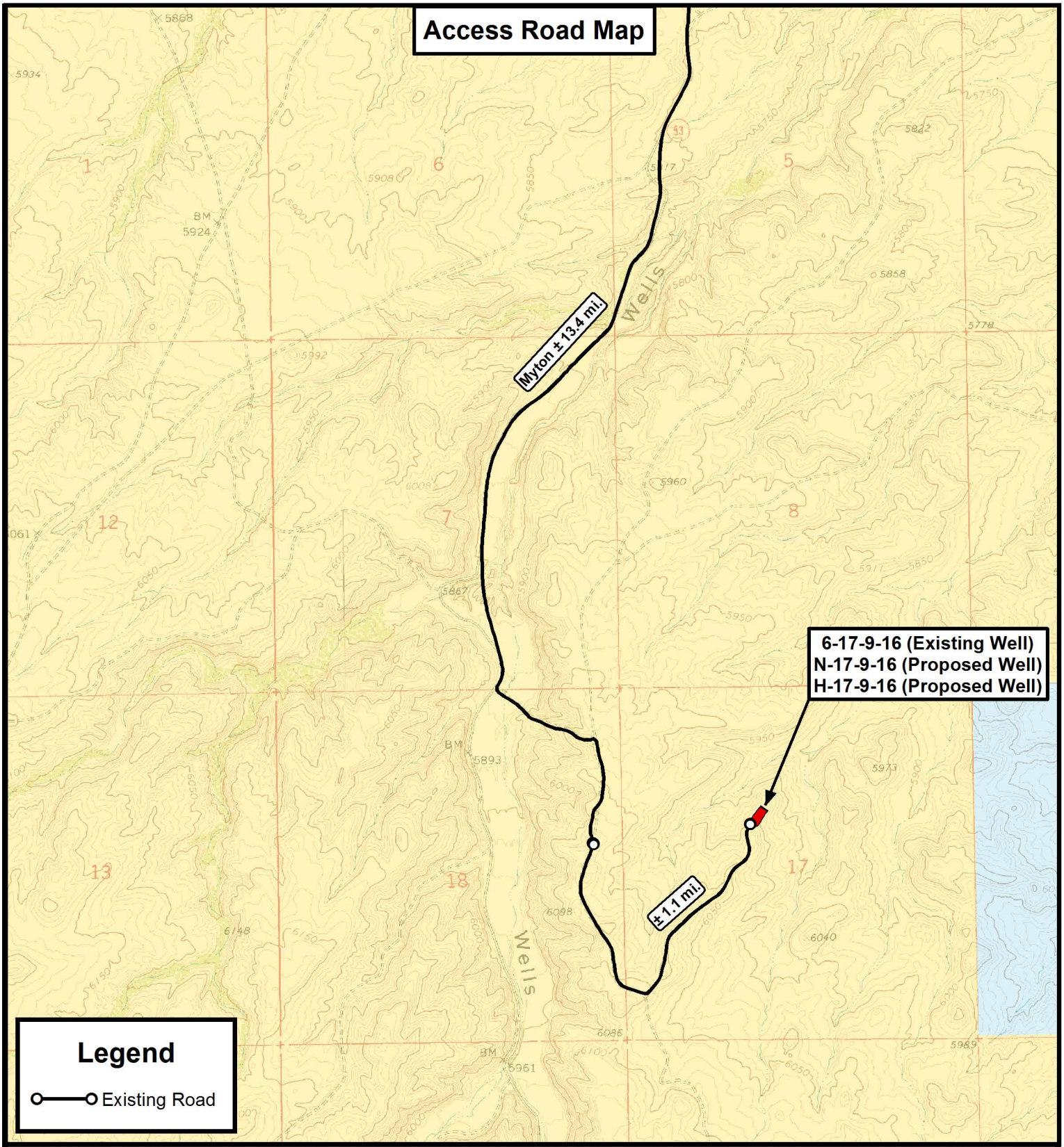
6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)
SEC. 17, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	04-24-2012		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013515810000



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)
SEC. 17, T9S, R16E, S.L.B.&M. Duchesne County, UT.

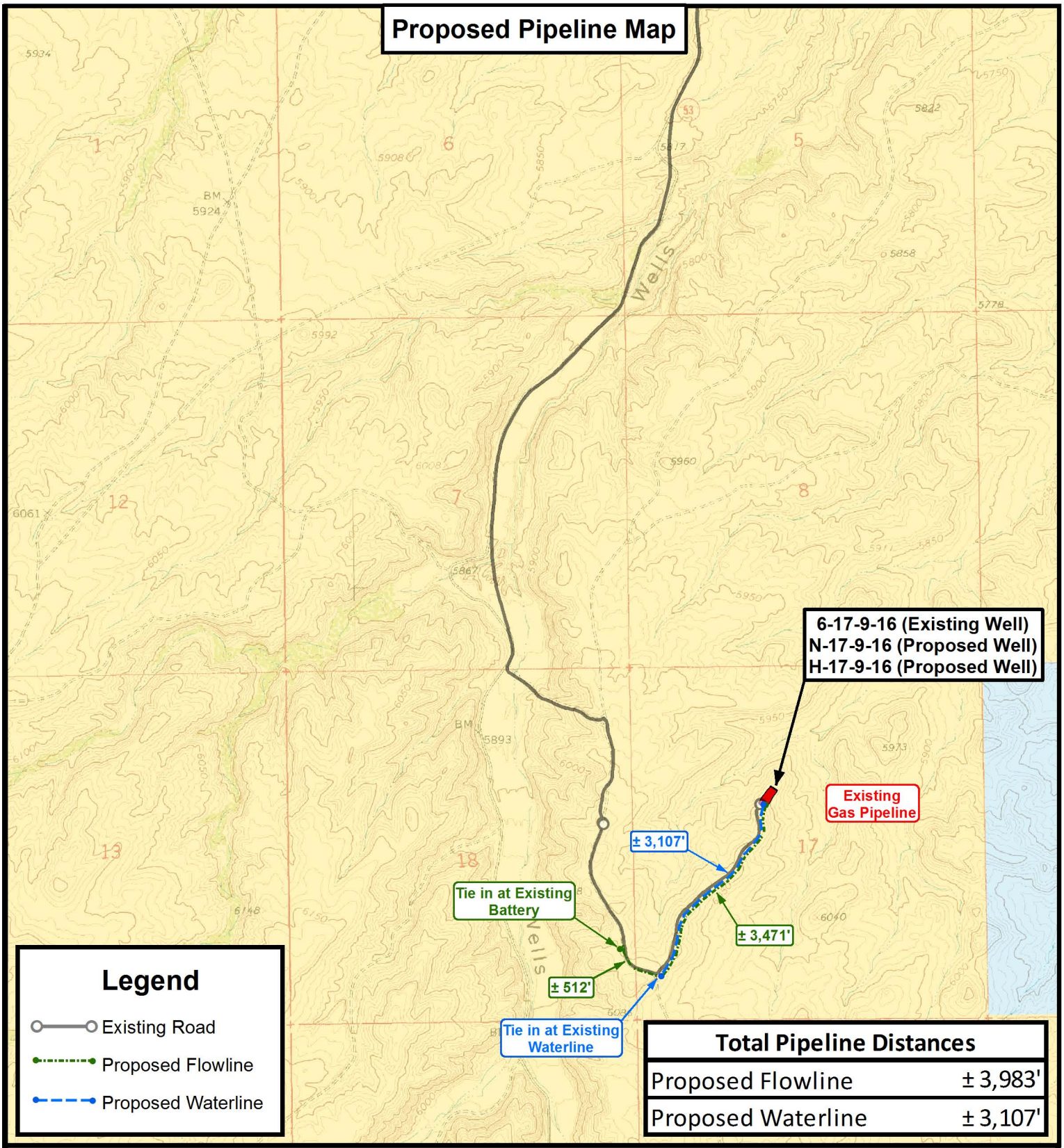
DRAWN BY:	A.P.C.	REVISED: 04-24-12 A.P.C.	VERSION:
DATE:	03-12-2012		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013515810000

Proposed Pipeline Map



Total Pipeline Distances	
Proposed Flowline	± 3,983'
Proposed Waterline	± 3,107'

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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)
SEC. 17, T9S, R16E, S.L.B.&M. Duchesne County, UT.

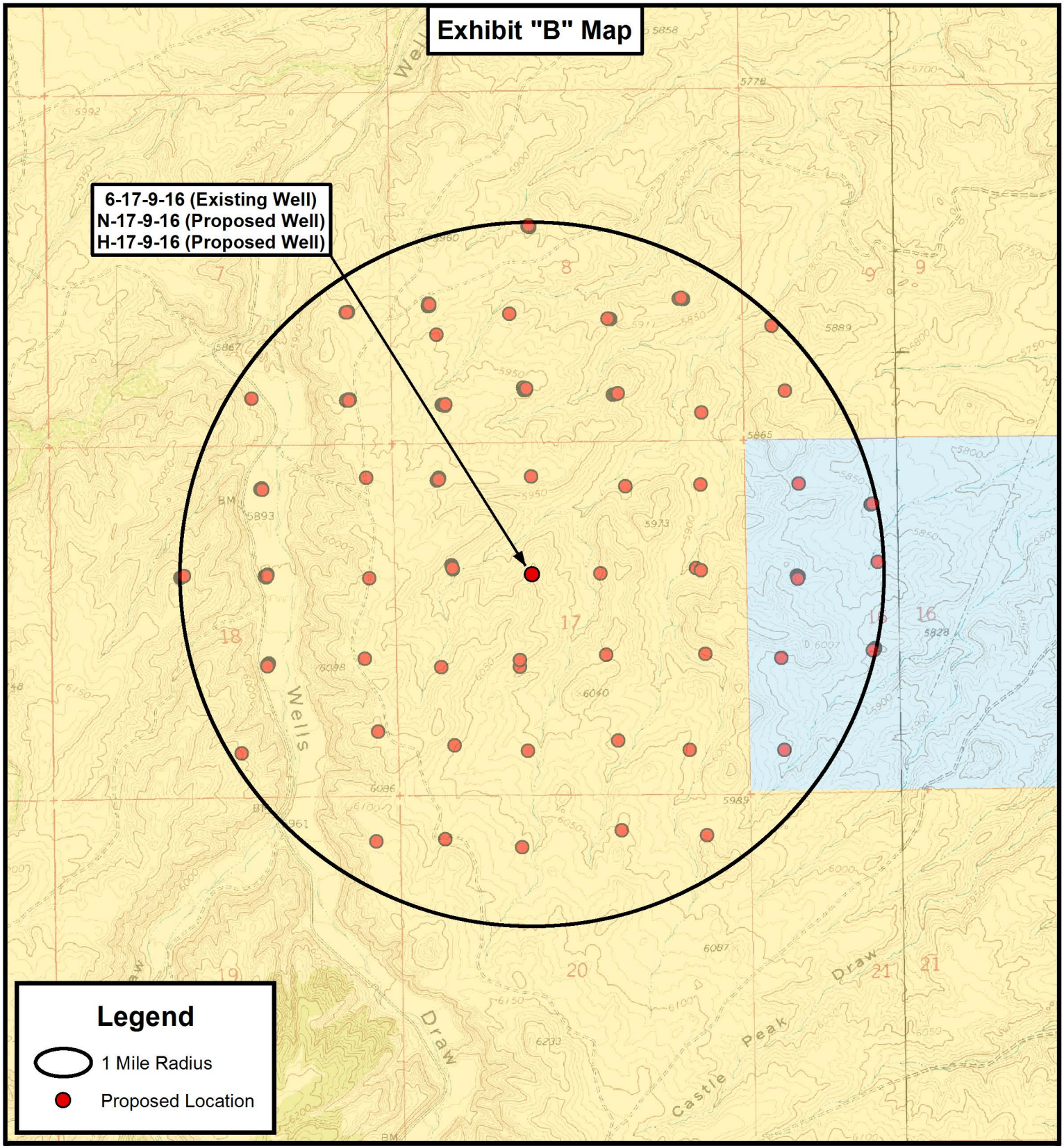
DRAWN BY:	A.P.C.	REVISED: 04-24-12 A.P.C.	VERSION:
DATE:	03-12-2012		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013515810000

Exhibit "B" Map



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)
SEC. 17, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	04-24-2012		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013515810000

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 17 T9, R16
N-17-9-16

Wellbore #1

Plan: Design #1

Standard Planning Report

23 April, 2012

RECEIVED: July 16, 2012

NEWFIELD

Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well N-17-9-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	N-17-9-16 @ 6018.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	N-17-9-16 @ 6018.0ft (Original Well Elev)
Site:	SECTION 17 T9, R16	**North Reference:**	True
Well:	N-17-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 17 T9, R16

Site Position:		**Northing:**	7,185,000.00 ft	**Latitude:**	40° 2' 12.729 N
From:	Map	**Easting:**	2,018,000.00 ft	**Longitude:**	110° 9' 4.925 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.86 °

Well N-17-9-16, SHL LAT: 40° 01' 57.94" LONG: -110° 08' 43.14"

Well Position	**+N/-S**	-1,496.4 ft	**Northing:**	7,183,529.39 ft	**Latitude:**	40° 1' 57.940 N
	+E/-W	1,694.3 ft	**Easting:**	2,019,716.76 ft	**Longitude:**	110° 8' 43.140 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	6,018.0 ft	**Ground Level:**	6,006.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/23/2012	11.23	65.75	52,163

Design Design #1

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	4,622.0	0.0	0.0	224.58

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,724.0	16.86	224.58	1,707.8	-116.9	-115.2	1.50	1.50	0.00	224.58	
4,769.0	16.86	224.58	4,622.0	-746.0	-735.1	0.00	0.00	0.00	0.00	N-17-9-16 TGT
6,188.0	16.86	224.58	5,980.0	-1,039.1	-1,024.0	0.00	0.00	0.00	0.00	

RECEIVED: July 16, 2012

NEWFIELD

Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well N-17-9-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	N-17-9-16 @ 6018.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	N-17-9-16 @ 6018.0ft (Original Well Elev)
Site:	SECTION 17 T9, R16	**North Reference:**	True
Well:	N-17-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	224.58	700.0	-0.9	-0.9	1.3	1.50	1.50	0.00
800.0	3.00	224.58	799.9	-3.7	-3.7	5.2	1.50	1.50	0.00
900.0	4.50	224.58	899.7	-8.4	-8.3	11.8	1.50	1.50	0.00
1,000.0	6.00	224.58	999.3	-14.9	-14.7	20.9	1.50	1.50	0.00
1,100.0	7.50	224.58	1,098.6	-23.3	-22.9	32.7	1.50	1.50	0.00
1,200.0	9.00	224.58	1,197.5	-33.5	-33.0	47.0	1.50	1.50	0.00
1,300.0	10.50	224.58	1,296.1	-45.6	-44.9	64.0	1.50	1.50	0.00
1,400.0	12.00	224.58	1,394.2	-59.5	-58.6	83.5	1.50	1.50	0.00
1,500.0	13.50	224.58	1,491.7	-75.2	-74.1	105.5	1.50	1.50	0.00
1,600.0	15.00	224.58	1,588.6	-92.7	-91.4	130.2	1.50	1.50	0.00
1,700.0	16.50	224.58	1,684.9	-112.0	-110.4	157.3	1.50	1.50	0.00
1,724.0	16.86	224.58	1,707.8	-116.9	-115.2	164.2	1.50	1.50	0.00
1,800.0	16.86	224.58	1,780.6	-132.6	-130.7	186.2	0.00	0.00	0.00
1,900.0	16.86	224.58	1,876.3	-153.3	-151.1	215.2	0.00	0.00	0.00
2,000.0	16.86	224.58	1,972.0	-174.0	-171.4	244.2	0.00	0.00	0.00
2,100.0	16.86	224.58	2,067.7	-194.6	-191.8	273.2	0.00	0.00	0.00
2,200.0	16.86	224.58	2,163.4	-215.3	-212.1	302.2	0.00	0.00	0.00
2,300.0	16.86	224.58	2,259.1	-235.9	-232.5	331.2	0.00	0.00	0.00
2,400.0	16.86	224.58	2,354.8	-256.6	-252.9	360.2	0.00	0.00	0.00
2,500.0	16.86	224.58	2,450.5	-277.2	-273.2	389.2	0.00	0.00	0.00
2,600.0	16.86	224.58	2,546.2	-297.9	-293.6	418.2	0.00	0.00	0.00
2,700.0	16.86	224.58	2,641.9	-318.6	-313.9	447.2	0.00	0.00	0.00
2,800.0	16.86	224.58	2,737.6	-339.2	-334.3	476.2	0.00	0.00	0.00
2,900.0	16.86	224.58	2,833.3	-359.9	-354.6	505.3	0.00	0.00	0.00
3,000.0	16.86	224.58	2,929.0	-380.5	-375.0	534.3	0.00	0.00	0.00
3,100.0	16.86	224.58	3,024.7	-401.2	-395.4	563.3	0.00	0.00	0.00
3,200.0	16.86	224.58	3,120.4	-421.8	-415.7	592.3	0.00	0.00	0.00
3,300.0	16.86	224.58	3,216.1	-442.5	-436.1	621.3	0.00	0.00	0.00
3,400.0	16.86	224.58	3,311.8	-463.2	-456.4	650.3	0.00	0.00	0.00
3,500.0	16.86	224.58	3,407.5	-483.8	-476.8	679.3	0.00	0.00	0.00
3,600.0	16.86	224.58	3,503.2	-504.5	-497.1	708.3	0.00	0.00	0.00
3,700.0	16.86	224.58	3,598.9	-525.1	-517.5	737.3	0.00	0.00	0.00
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3,900.0	16.86	224.58	3,790.3	-566.5	-558.2	795.3	0.00	0.00	0.00
4,000.0	16.86	224.58	3,886.0	-587.1	-578.6	824.3	0.00	0.00	0.00
4,100.0	16.86	224.58	3,981.7	-607.8	-598.9	853.3	0.00	0.00	0.00
4,200.0	16.86	224.58	4,077.4	-628.4	-619.3	882.3	0.00	0.00	0.00
4,300.0	16.86	224.58	4,173.1	-649.1	-639.6	911.3	0.00	0.00	0.00
4,400.0	16.86	224.58	4,268.8	-669.7	-660.0	940.3	0.00	0.00	0.00
4,500.0	16.86	224.58	4,364.5	-690.4	-680.3	969.3	0.00	0.00	0.00
4,600.0	16.86	224.58	4,460.2	-711.1	-700.7	998.3	0.00	0.00	0.00
4,700.0	16.86	224.58	4,555.9	-731.7	-721.1	1,027.3	0.00	0.00	0.00
4,769.0	16.86	224.58	4,622.0	-746.0	-735.1	1,047.3	0.00	0.00	0.00
4,800.0	16.86	224.58	4,651.6	-752.4	-741.4	1,056.3	0.00	0.00	0.00
4,900.0	16.86	224.58	4,747.3	-773.0	-761.8	1,085.3	0.00	0.00	0.00
5,000.0	16.86	224.58	4,843.0	-793.7	-782.1	1,114.3	0.00	0.00	0.00
5,100.0	16.86	224.58	4,938.7	-814.3	-802.5	1,143.3	0.00	0.00	0.00

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NEWFIELD

Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well N-17-9-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	N-17-9-16 @ 6018.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	N-17-9-16 @ 6018.0ft (Original Well Elev)
Site:	SECTION 17 T9, R16	**North Reference:**	True
Well:	N-17-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	16.86	224.58	5,034.5	-835.0	-822.8	1,172.3	0.00	0.00	0.00
5,300.0	16.86	224.58	5,130.2	-855.7	-843.2	1,201.3	0.00	0.00	0.00
5,400.0	16.86	224.58	5,225.9	-876.3	-863.6	1,230.3	0.00	0.00	0.00
5,500.0	16.86	224.58	5,321.6	-897.0	-883.9	1,259.3	0.00	0.00	0.00
5,600.0	16.86	224.58	5,417.3	-917.6	-904.3	1,288.3	0.00	0.00	0.00
5,700.0	16.86	224.58	5,513.0	-938.3	-924.6	1,317.3	0.00	0.00	0.00
5,800.0	16.86	224.58	5,608.7	-958.9	-945.0	1,346.3	0.00	0.00	0.00
5,900.0	16.86	224.58	5,704.4	-979.6	-965.3	1,375.3	0.00	0.00	0.00
6,000.0	16.86	224.58	5,800.1	-1,000.3	-985.7	1,404.3	0.00	0.00	0.00
6,100.0	16.86	224.58	5,895.8	-1,020.9	-1,006.1	1,433.3	0.00	0.00	0.00
6,188.0	16.86	224.58	5,980.0	-1,039.1	-1,024.0	1,458.8	0.00	0.00	0.00

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API Well Number: 43013515810000

NEWFIELD

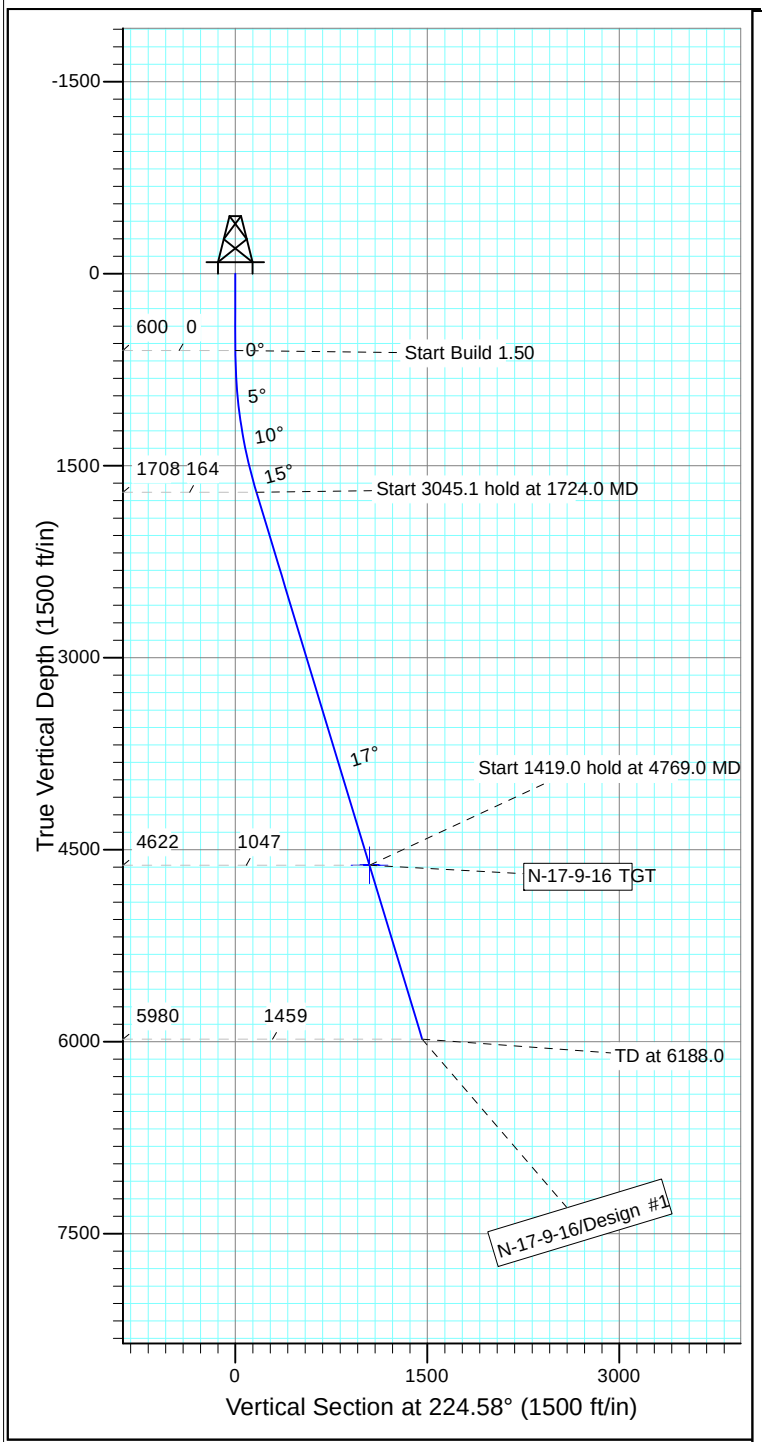
Project: USGS Myton SW (UT)
Site: SECTION 17 T9, R16
Well: N-17-9-16
Wellbore: Wellbore #1
Design: Design #1

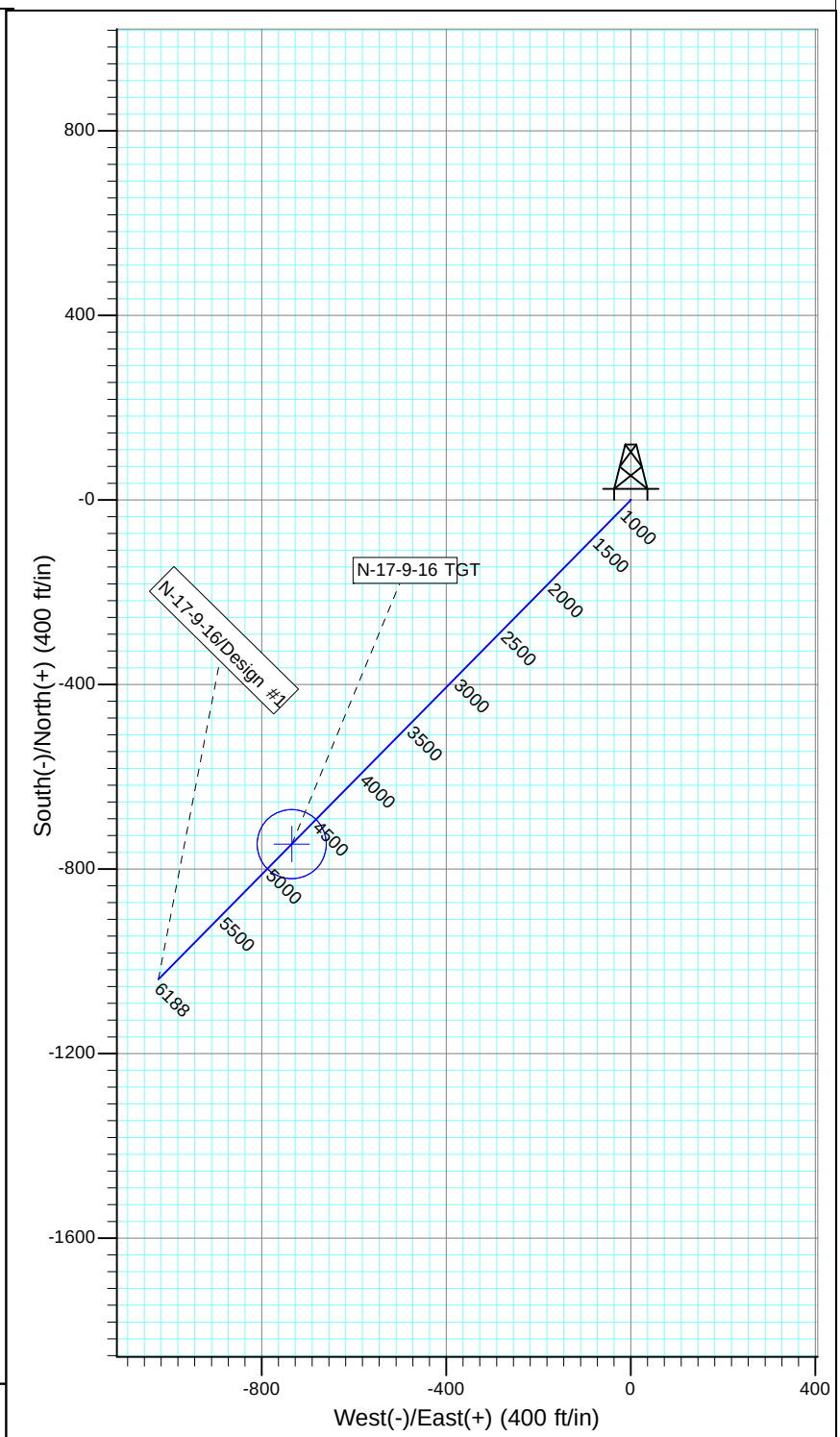
T M

Azimuths to True North
Magnetic North: 11.23°

Magnetic Field
Strength: 52163.4snT
Dip Angle: 65.75°
Date: 4/23/2012
Model: IGRF2010

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
N-17-9-16 TGT	4622.0	-746.0	-735.1	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1724.0	16.86	224.58	1707.8	-116.9	-115.2	1.50	224.58	164.2	
4	4769.0	16.86	224.58	4622.0	-746.0	-735.1	0.00	0.00	1047.3	N-17-9-16 TGT
5	6188.0	16.86	224.58	5980.0	-1039.1	-1024.0	0.00	0.00	1458.8	

PAYZONE

NEWFIELD PRODUCTION COMPANY
GMBU N-17-9-16
AT SURFACE: SE/NW SECTION17, T9S R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU N-17-9-16 located in the SE 1/4 NW 1/4 Section 17, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed in a southwesterly direction – 12.0 miles ± to it's junction with an existing road; proceed in a northeasterly direction – 1.1 miles ± to it's junction with the beginning of the access road to the existing 6-17-9-16 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 6-17-9-16 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

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Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

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There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE**:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. ***SURFACE OWNERSHIP*** – Buruea of Land Management.

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit #U-12-MQ-0367b 5/29/12, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade E. Miller, 5/22/12. See attached report cover pages, Exhibit “D”.

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Newfield Production Company requests 3,107' of buried water line be granted. **Refer to Topographic Map "C".** The proposed pipelines will be constructed using the following procedures as outlined in the Greater Monument Butte Green River Development SOP.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

Surface Flow Line
Newfield requests 3,983' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. Refer to Topographic Map "C" for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures as outlined in the Greater Monument Butte Green River Development SOP.

Water Disposal
After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Details of the On-Site Inspection
The proposed GMBU N-17-9-16 was on-sited on 5/18/12. The following were present; Corie Miller (Newfield Production), Janna Simonsen (Bureau of Land Management), and Dave Gordon (Bureau of Land Management).

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU N-17-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU N-17-9-16, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**
Representative

Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

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Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #N-17-9-16, Section 17, Township 9S, Range 16E: Lease UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

7/1212
Date

Mandie Crozier

Digitally signed by Mandie Crozier
DN: cn=Mandie Crozier, o=Newfield Production, ou=Regulatory Analyst, email=mcrozier@newfield.com, c=US
Date: 2012.07.13 11:21:52 -06'00'

Mandie Crozier
Regulatory Analyst
Newfield Production Company

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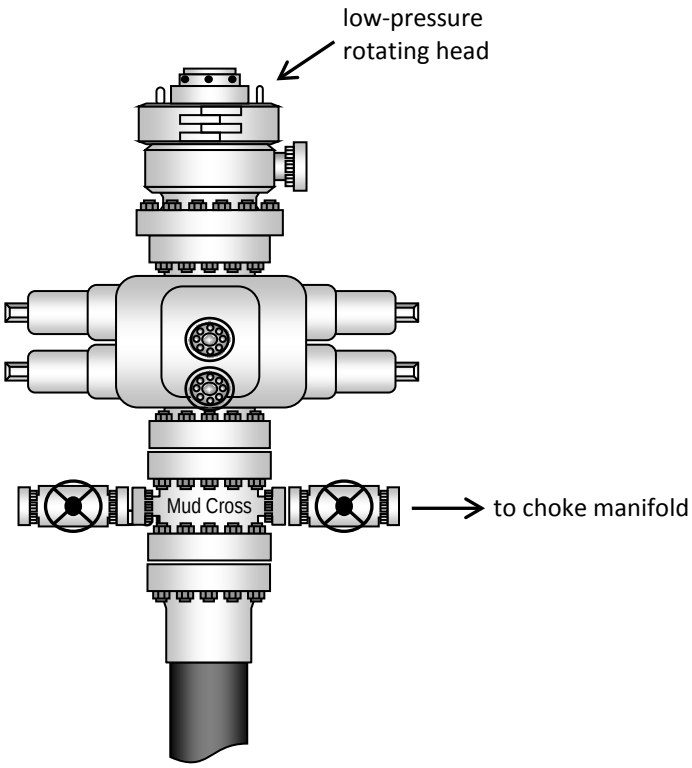
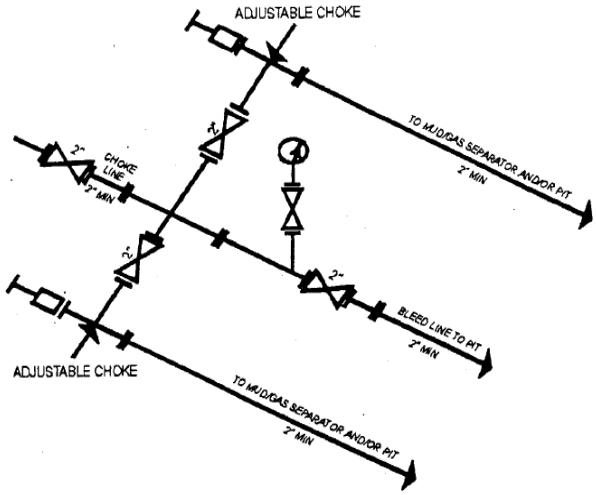
Typical 2M BOP stack configuration





2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

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NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)

Pad Location: SENW Section 17, T9S, R16E, S.L.B.&M.

N

TOP HOLE FOOTAGES

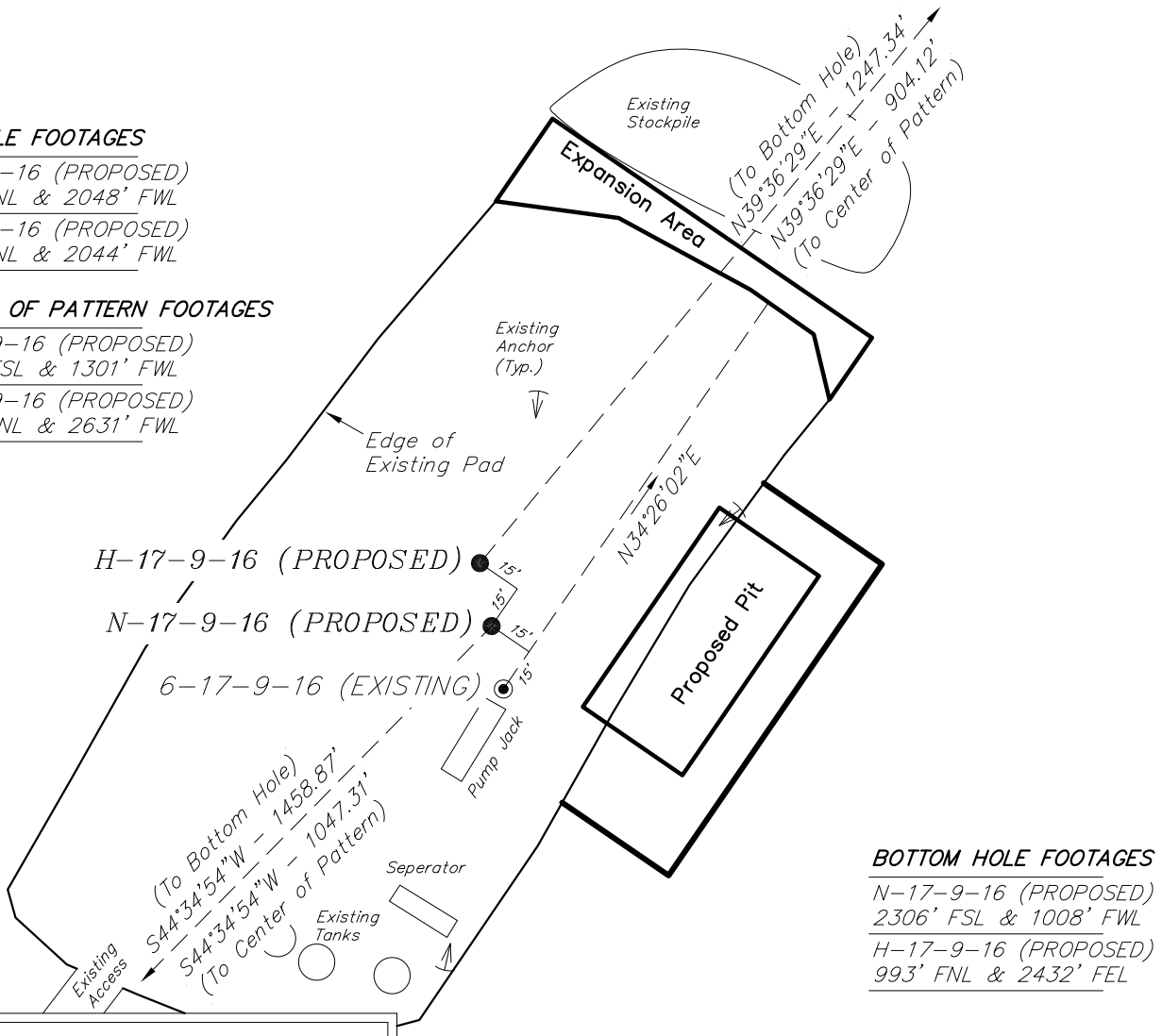
N-17-9-16 (PROPOSED)
1965' FNL & 2048' FWL

H-17-9-16 (PROPOSED)
1944' FNL & 2044' FWL

CENTER OF PATTERN FOOTAGES

N-17-9-16 (PROPOSED)
2595' FSL & 1301' FWL

H-17-9-16 (PROPOSED)
1255' FNL & 2631' FWL



BOTTOM HOLE FOOTAGES

N-17-9-16 (PROPOSED)
2306' FSL & 1008' FWL

H-17-9-16 (PROPOSED)
993' FNL & 2432' FEL

RELATIVE COORDINATES From Top Hole to C.O.P.

WELL	NORTH	EAST
N-17-9-16	-746'	-735'
H-17-9-16	697'	576'

RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
N-17-9-16	-1,039'	-1,024'
H-17-9-16	961'	795'

Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
6-17-9-16	40° 01' 57.74"	110° 08' 43.10"
N-17-9-17	40° 01' 57.94"	110° 08' 43.14"
H-17-9-17	40° 01' 58.15"	110° 08' 43.19"

SURVEYED BY: D.G.	DATE SURVEYED: 05-24-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 04-24-12	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

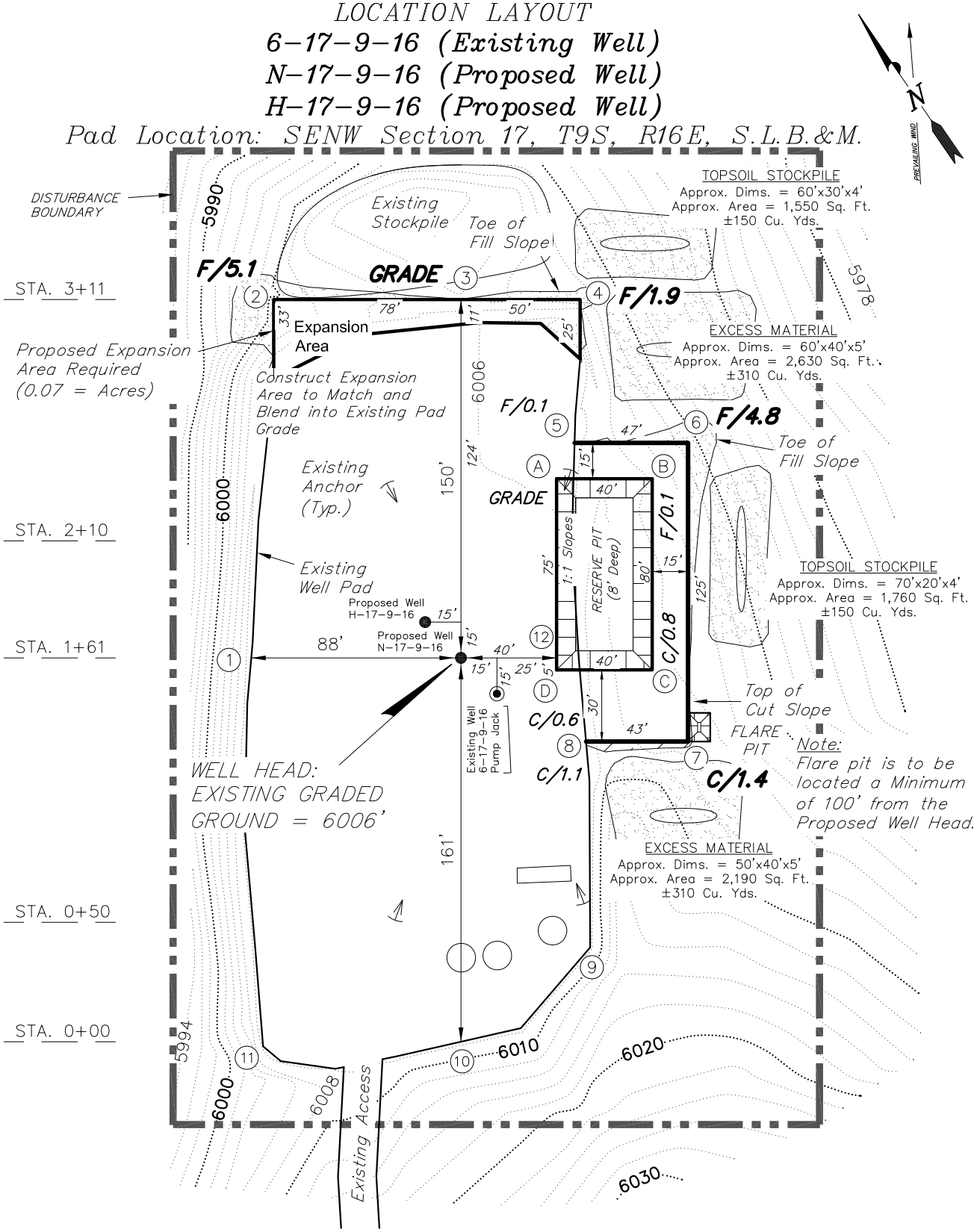
RECEIVED: July 16, 2012

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)

Pad Location: SENW Section 17, T9S, R16E, S.L.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 910 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Note:
Topsoil to be Stripped From All New Construction Areas and Proposed Stock Pile Locations

SURVEYED BY: D.G.	DATE SURVEYED: 05-24-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 03-10-12	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: M.W. - 04-24-12		

RECEIVED: July 16, 2012

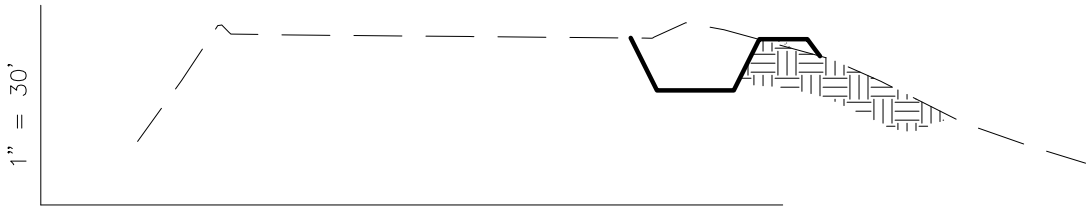
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

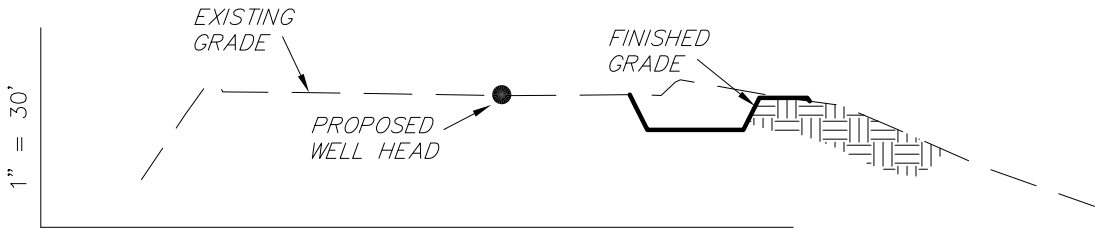
6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)

Pad Location: SENW Section 17, T9S, R16E, S.L.B.&M.

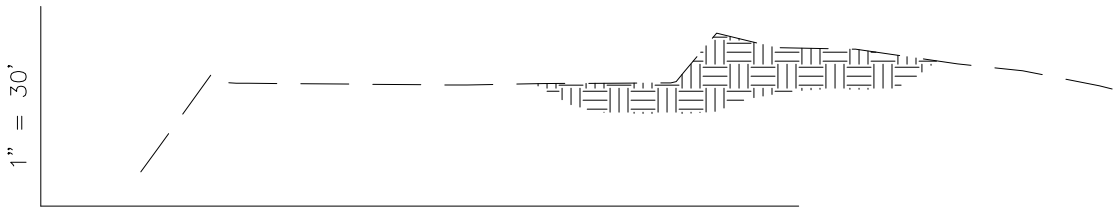
STA. 3+11



STA. 2+10



STA. 1+61



STA. 0+50

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	120	250	Topsoil is not included in Pad Cut	-130
PIT	690	0		690
TOTALS	810	250	270	560

SURVEYED BY: D.G.	DATE SURVEYED: 05-24-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 03-10-12	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: M.W. - 04-24-12		

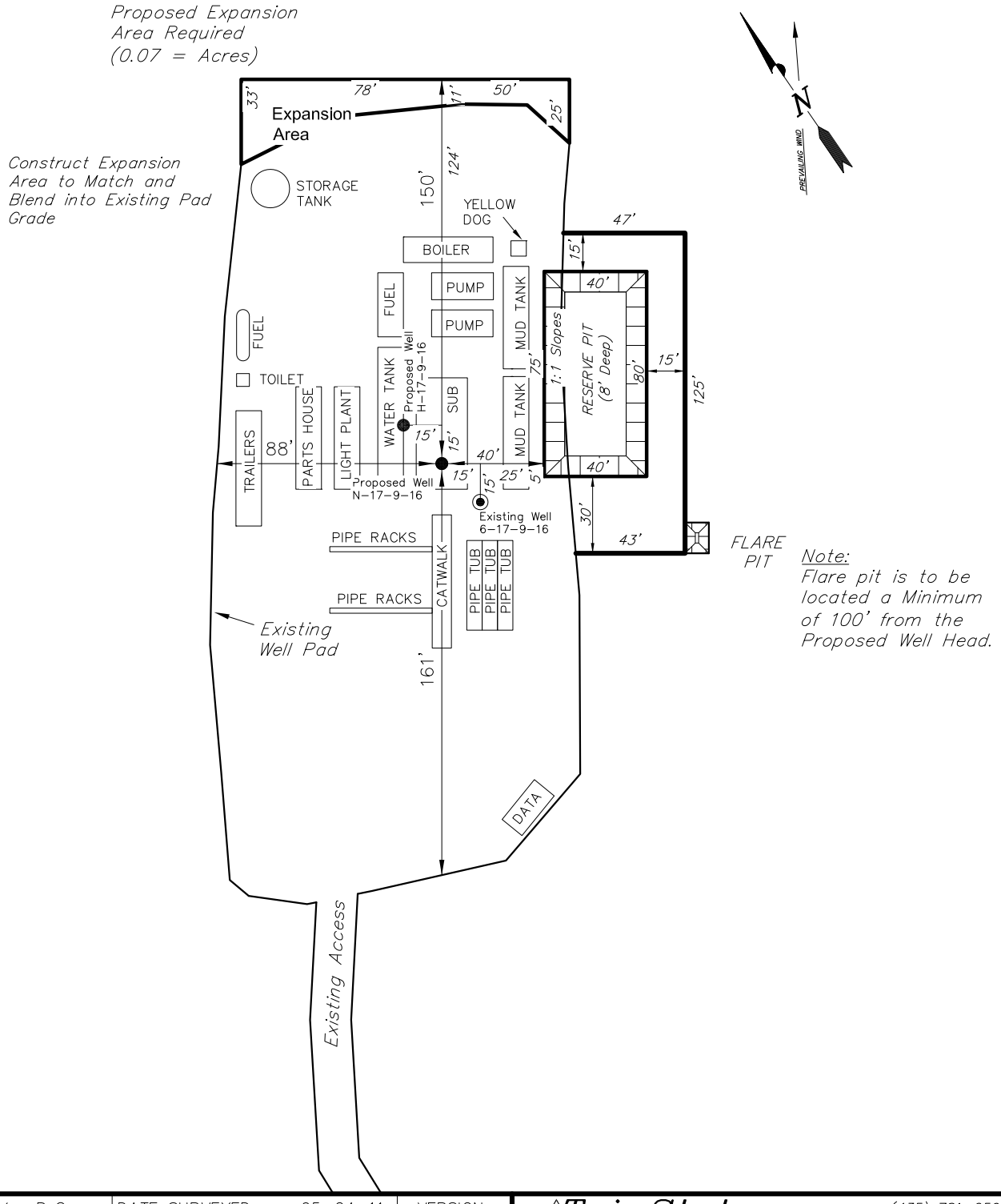
RECEIVED: July 16, 2012

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)

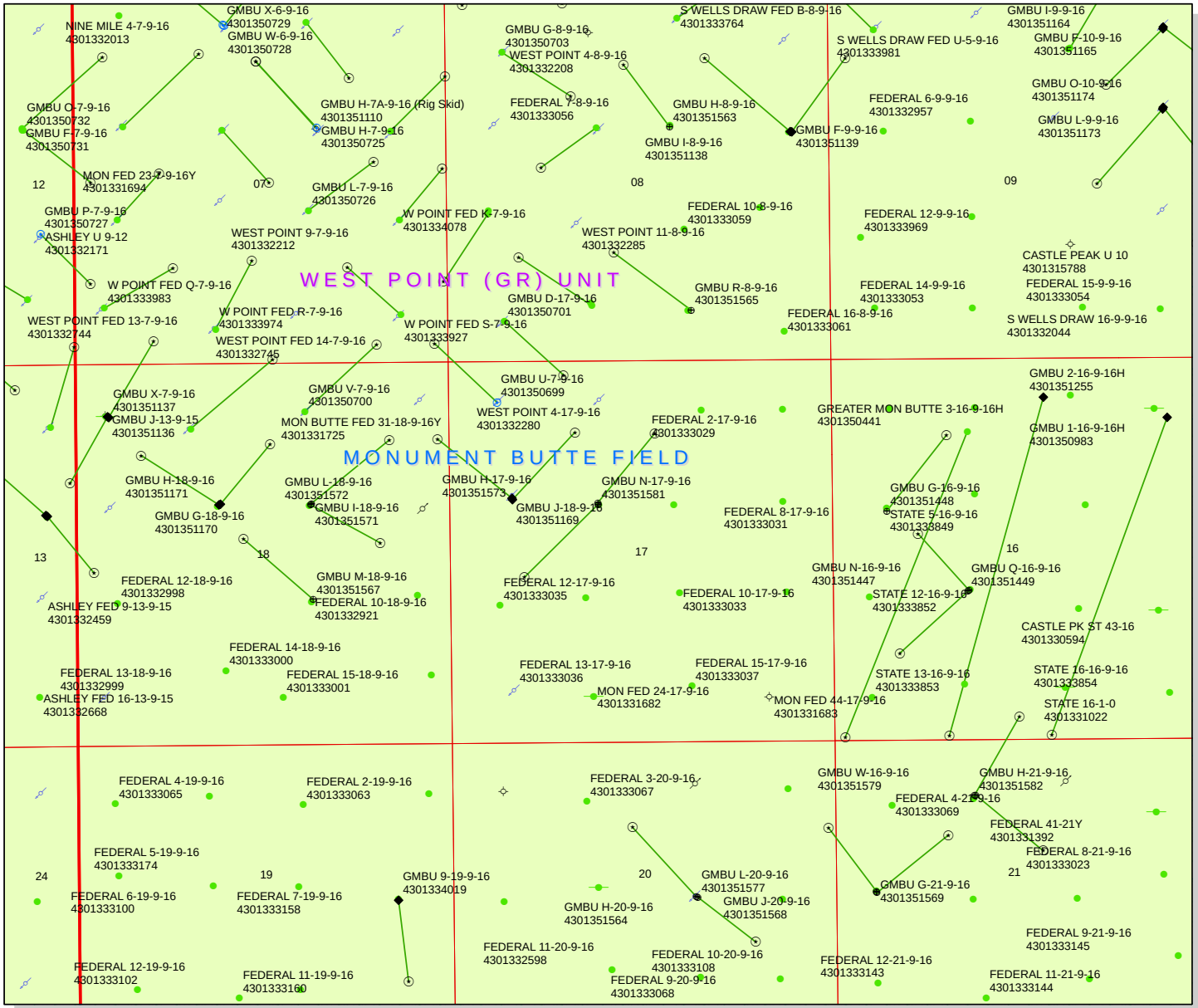
Pad Location: SENW Section 17, T9S, R16E, S.L.B.&M.



SURVEYED BY: D.G.	DATE SURVEYED: 05-24-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 03-10-12	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: M.W. - 04-24-12		

RECEIVED: July 16, 2012

API Well Number: 43013515810000



API Number: 4301351581

Well Name: GMBU N-17-9-16

Township T09.0S Range R16.0E Section 17

Meridian: SLBM

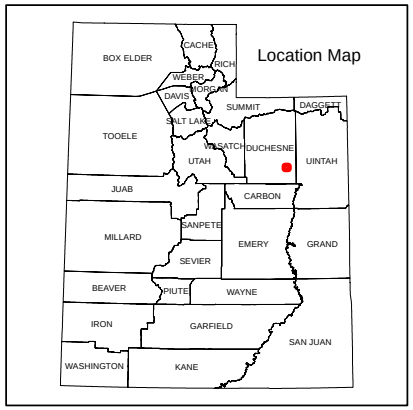
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb



1,750 875 0 1,750 Feet

1:17,106

RECEIVED: July 19, 2012

NEWFIELD
ROCKY MOUNTAINS

VIA ELECTRONIC DELIVERY

July 23, 2012

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU N-17-9-16
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R16E Section 17: SENW (UTU-74390)
1965' FNL 2048' FWL

At Target: T9S-R16E Section 17: NWSW (UTU-52018)
2306' FSL 1008' FWL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 7/19/2012, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-exiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Leslie Burget

Leslie Burget
Land Associate

API Well Number: 43013515810000

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU74390

6. If Indian, Allottee or Tribe Name:

1a. Type of Work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.: GREATER MONUMENT

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.: GMBU N-17-9-16

2. Name of Operator: NEWFIELD PRODUCTION COMPANY
Contact: MANDIE CROZIER
E-Mail: mcrozier@newfield.com

9. API Well No.:

3a. Address: ROUTE #3 BOX 3630
MYTON, UT 84052

3b. Phone No. (include area code)
Ph: 435-646-4825
Fx: 435-646-3031

10. Field and Pool, or Exploratory: MONUMENT BUTTE

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: SENW 1965FNL 2048FWL

At proposed prod. zone: NWSW 2306FSL 1008FWL

11. Sec., T., R., M., or Blk. and Survey or Area: Sec 17 T9S R16E Mer SLB

14. Distance in miles and direction from nearest town or post office*: 14.5

12. County or Parish: DUCHESNE

13. State: UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 334'

16. No. of Acres in Lease: 2037.10

17. Spacing Unit dedicated to this well: 20.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.: 727'

19. Proposed Depth: 6188 MD
5980 TVD

20. BLM/BIA Bond No. on file: WYB000493

21. Elevations (Show whether DF, KB, RT, GL, etc.: 6006 GL

22. Approximate date work will start: 10/31/2012

23. Estimated duration: 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed)	Date
(Electronic Submission)	MANDIE CROZIER Ph: 435-646-4825	07/19/2012

Title: REGULATORY ANALYST

Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

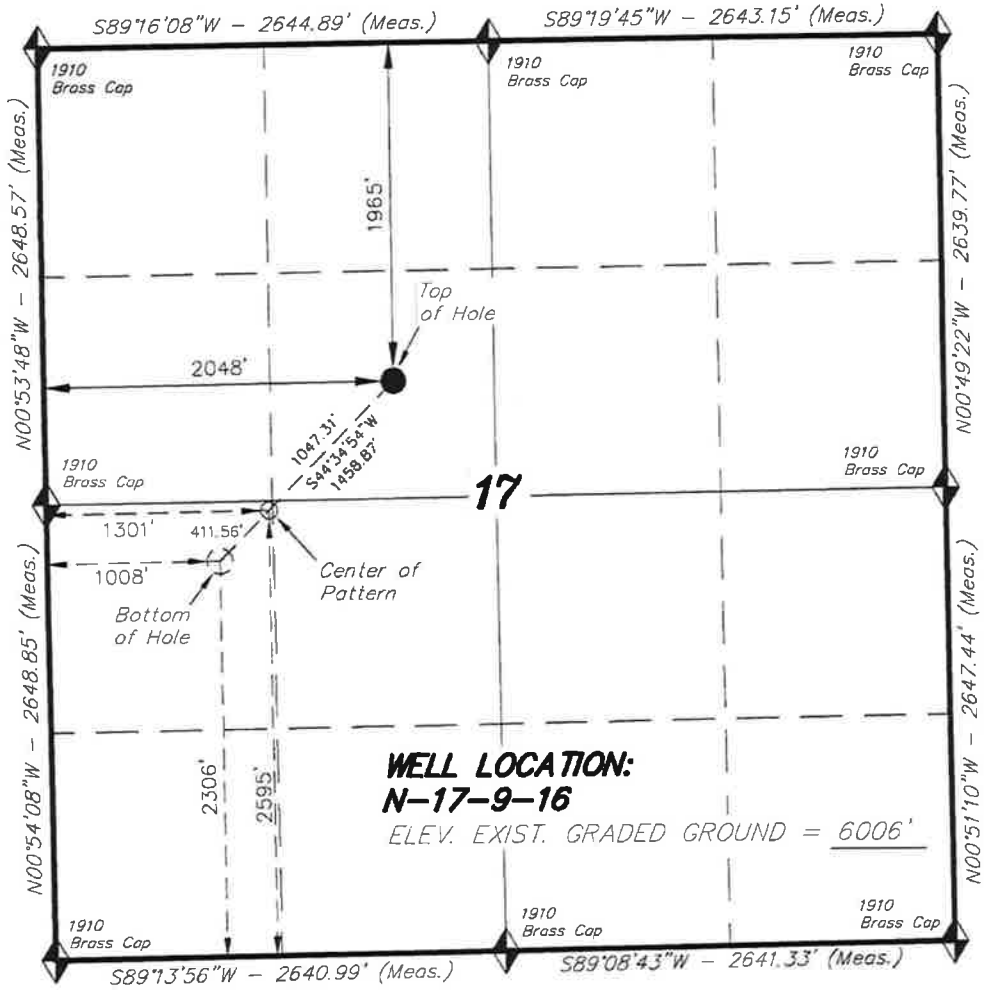
Electronic Submission #143445 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional Operator Remarks:

SURFACE LEASE: UTU-74390
BOTTOM HOLE LEASE: UTU-52018

T9S, R16E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, N-17-9-16, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 17, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, N-17-9-16, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 17, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*

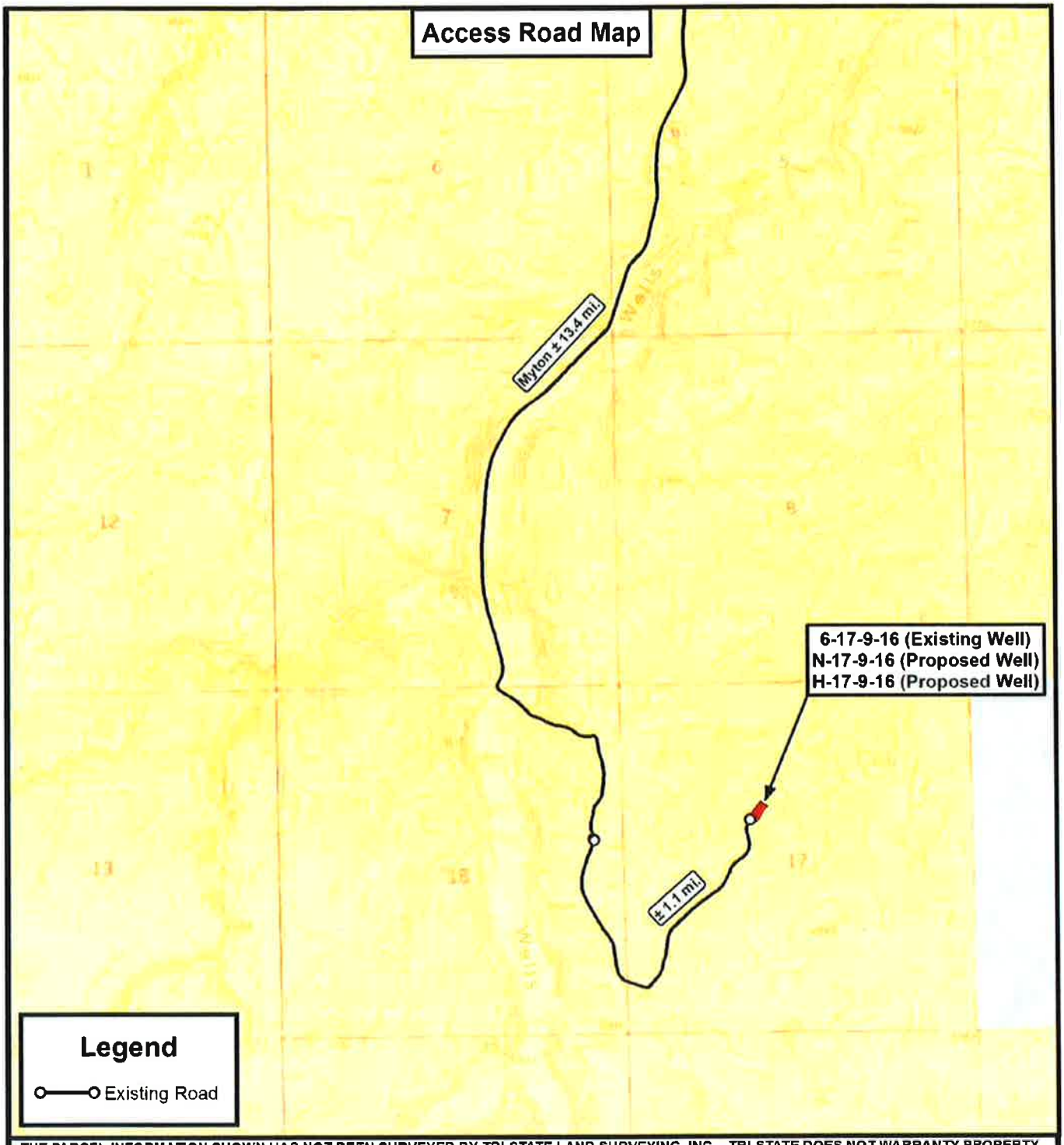
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH
04-24-12
STACY W. STEWART

N-17-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 57.94"
LONGITUDE = 110° 08' 43.14"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-24-11	SURVEYED BY: D.G.	VERSION:
DATE DRAWN: 04-24-12	DRAWN BY: M.W.	V2
REVISED:	SCALE: 1" = 1000'	



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY
6-17-9-16 (Existing Well)
N-17-9-16 (Proposed Well)
H-17-9-16 (Proposed Well)
SEC. 17, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 04-24-12 A.P.C.	VERSION:
DATE:	03-12-2012		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

July 31, 2012

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2012 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2012 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51563	GMBU H-8-9-16	Sec 08 T09S R16E 2023 FNL 2183 FEL BHL Sec 08 T09S R16E 1169 FNL 2473 FWL
43-013-51564	GMBU H-20-9-16	Sec 20 T09S R16E 2110 FNL 1934 FEL BHL Sec 20 T09S R16E 1152 FNL 2457 FWL
43-013-51565	GMBU R-8-9-16	Sec 08 T09S R16E 0710 FSL 1908 FEL BHL Sec 08 T09S R16E 1512 FSL 2314 FWL
43-013-51566	GMBU P-14-9-15	Sec 15 T09S R15E 0763 FSL 0423 FEL BHL Sec 14 T09S R15E 1561 FSL 0172 FWL
43-013-51567	GMBU M-18-9-16	Sec 18 T09S R16E 2014 FSL 1914 FEL BHL Sec 18 T09S R16E 2424 FNL 2307 FWL
43-013-51568	GMBU J-20-9-16	Sec 21 T09S R16E 2041 FNL 0553 FWL BHL Sec 20 T09S R16E 1154 FNL 0095 FEL
43-013-51569	GMBU G-21-9-16	Sec 21 T09S R16E 2062 FNL 0557 FWL BHL Sec 21 T09S R16E 1276 FNL 1556 FWL
43-013-51570	GMBU S-14-9-15	Sec 14 T09S R15E 1963 FSL 0882 FEL BHL Sec 14 T09S R15E 1068 FSL 1301 FEL

RECEIVED: July 31, 2012

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51571	GMBU I-18-9-16	Sec 18 T09S R16E 1936 FNL 1914 FEL
		BHL Sec 18 T09S R16E 1062 FNL 0820 FEL
43-013-51572	GMBU L-18-9-16	Sec 18 T09S R16E 1955 FNL 1924 FEL
		BHL Sec 18 T09S R16E 2485 FNL 0972 FEL
43-013-51573	GMBU H-17-9-16	Sec 17 T09S R16E 1944 FNL 2044 FWL
		BHL Sec 17 T09S R16E 0993 FNL 2432 FEL
43-013-51574	GMBU S-15-9-15	Sec 15 T09S R15E 0768 FSL 0444 FEL
		BHL Sec 15 T09S R15E 1317 FSL 1367 FEL
43-013-51575	GMBU O-13-9-15	Sec 14 T09S R15E 1952 FSL 0864 FEL
		BHL Sec 13 T09S R15E 2537 FNL 0036 FWL
43-013-51576	GMBU Q-14-9-15	Sec 14 T09S R15E 2061 FSL 1946 FWL
		BHL Sec 14 T09S R15E 1147 FSL 1132 FWL
43-013-51577	GMBU L-20-9-16	Sec 20 T09S R16E 2117 FNL 1914 FEL
		BHL Sec 20 T09S R16E 2522 FSL 1123 FEL
43-013-51578	GMBU R-14-9-15	Sec 14 T09S R15E 2057 FSL 1967 FWL
		BHL Sec 14 T09S R15E 1037 FSL 2623 FEL
43-013-51579	GMBU W-16-9-16	Sec 21 T09S R16E 0726 FNL 1924 FWL
		BHL Sec 16 T09S R16E 0353 FSL 2559 FWL
43-013-51580	GMBU L-23-9-15	Sec 23 T09S R15E 2041 FSL 0713 FEL
		BHL Sec 23 T09S R15E 2545 FNL 1706 FEL
43-013-51581	GMBU N-17-9-16	Sec 17 T09S R16E 1965 FNL 2048 FWL
		BHL Sec 17 T09S R16E 2306 FSL 1008 FWL
43-013-51582	GMBU H-21-9-16	Sec 21 T09S R16E 0726 FNL 1945 FWL
		BHL Sec 21 T09S R16E 1505 FNL 2434 FEL
43-013-51587	GMBU J-17-9-16	Sec 16 T09S R16E 2100 FNL 0750 FWL
		BHL Sec 17 T09S R16E 0988 FNL 0237 FEL
43-013-51588	GMBU J-17-9-16	Sec 16 T09S R16E 2100 FNL 0750 FWL
		BHL Sec 17 T09S R16E 0988 FNL 0237 FEL
43-013-51589	GMBU C-17-9-16	Sec 08 T09S R16E 0704 FSL 1929 FEL
		BHL Sec 17 T09S R16E 0329 FNL 2480 FWL
43-013-51590	GMBU P-24-9-15	Sec 23 T09S R15E 2038 FSL 0692 FEL
		BHL Sec 24 T09S R15E 1073 FSL 0180 FWL

RECEIVED: July 31, 2012

Please be advised that the GMBU J-17-9-16 has erroneously been entered twice into the UDOGM system under API Number 43-013-51587 and 43-013-51588.

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2012.07.31 09:41:28 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:7-31-12

RECEIVED: July 31, 2012

API Well Number: 43013515810000

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/16/2012 **API NO. ASSIGNED:** 43013515810000

WELL NAME: GMBU N-17-9-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SENW 17 090S 160E **Permit Tech Review:** ☑

SURFACE: 1965 FNL 2048 FWL **Engineering Review:** ☐

BOTTOM: 2306 FSL 1008 FWL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.03273 **LONGITUDE:** -110.14535

UTM SURF EASTINGS: 572918.00 **NORTHINGS:** 4431740.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74390 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 1 - Federal **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - WYB000493
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11

Effective Date: 11/30/2009

Siting: Suspends General Siting

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill

RECEIVED: August 02, 2012

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: GMBU N-17-9-16
API Well Number: 43013515810000
Lease Number: UTU-74390
Surface Owner: FEDERAL
Approval Date: 8/2/2012

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

RECEIVED
JUL 19 2012
BLM

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER	5. Lease Serial No. UTU74390
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA Agreement, Name and No. GREATER MONUMENT
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone	8. Lease Name and Well No. GMBU N-17-9-16
2. Name of Operator NEWFIELD PRODUCTION COMPANY Contact: MANDIE CROZIER E-Mail: mcrozier@newfield.com	9. API Well No. 43 013 51581
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052 / 3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031	10. Field and Pool, or Exploratory MONUMENT BUTTE
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface SENW 1965FNL 2048FWL At proposed prod. zone NWSW 2306FSL 1008FWL	11. Sec., T., R., M., or Blk. and Survey or Area Sec 17 T9S R16E Mer SLB
14. Distance in miles and direction from nearest town or post office* 14.5	12. County or Parish DUCHESNE / 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 334' / 16. No. of Acres in Lease 2037.10	17. Spacing Unit dedicated to this well 20.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 727' / 19. Proposed Depth 6188 MD 5980 TVD	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KB, RT, GL, etc. 6006 GL / 22. Approximate date work will start 10/31/2012	23. Estimated duration 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed)	Date
(Electronic Submission)	MANDIE CROZIER Ph: 435-646-4825	07/19/2012

Title: REGULATORY ANALYST

Approved by (Signature)	Name (Printed/Typed)	Date
	Jerry Kenczka	MAR 15 2013
Title: Assistant Field Manager Lands & Mineral Resources	Office: VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
MAR 22 2013
DIV. OF OIL, GAS & MINING

Additional Operator Remarks (see next page)

Electronic Submission #143445 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 08/01/2012 ()

NOTICE OF APPROVAL

UDOGM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Exploration Company**	**Location:**	**SENW, Sec. 17, T9S, R16E**
Well No:	**GMBU N-17-9-16**	**Lease No:**	**UTU-74390**
API No:	**43-013-51581**	**Agreement:**	**N/A**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

STANDARD STIPULATIONS

Green River District Reclamation Guidelines

The Operator will comply with the requirements of the ***Green River District (GRD) Reclamation Guidelines*** formalized by Green River District Instructional Memo UTG000-2011-003 on March 28, 2011. Documentation of the compliance will be as follows:

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the GRD Reclamation Guidelines have been met (30% or greater basal cover).

- Prior to beginning new surface disturbance, the operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) providing the results of the noxious weed inventory described in the GRD Reclamation Guidelines (2011). If weeds are found the report shall include 1) A GPS location recorded in North American Datum 1983; 2) species; 3) canopy cover or number of plants; 4) and size of infestation (estimate square feet or acres. Information shall be also documented in the reclamation report.

CONDITIONS OF APPROVAL

Wildlife

In accordance with the Record of Decision for the Castle Peak and Eightmile Flat Oil and Gas Expansion Project, Newfield Rocky Mountains Inc., the following COA's are required:

- WFM-1 On level or gently sloping ground (5 percent slope or less) Newfield will elevate surface pipelines (4 inches or greater in diameter) a minimum of 6 inches above the ground to allow passage of small animals beneath the pipe. This ground clearance will be achieved by placing the pipeline on blocks at intervals of 150 to 200 feet.

- WFM-4 Newfield will install noise reduction devices on all pump jacks to reduce intermittent noise to 45 dBA at 660 feet from the source.

COA's derived from mitigating measures in the EA:

If construction and drilling is anticipated during any of the following wildlife seasonal spatial restrictions, a BLM biologist or a qualified consulting firm biologist must conduct applicable surveys using an accepted protocol prior to any ground disturbing activities.

- The proposed project is within ½ mile of a golden eagle nest(s). If construction or drilling is proposed from January 1-August 31 then a nest survey will be conducted by a qualified biologist. If the nest is found to be inactive, then permission to proceed may be granted by the BLM Authorized Officer. If the nest is determined to be active, then the timing restriction will remain in effect.

- If it is anticipated that construction or drilling will occur during Mountain plover nesting season (May 1 – June 15), a BLM biologist will be notified to determine if surveys are necessary prior to beginning operations. If surveys are deemed necessary, depending on the results permission to proceed may or may not, be granted by the BLM Authorized Officer.

For protection of T&E Fish if drawing water from the Green River

- For areas of fresh water collection, an infiltration gallery will be constructed in a Service approved location. An infiltration gallery is basically a pit or trench dug within the floodplain to a depth below the water table. Water is drawn from the pit rather than from the river directly. If this is not possible, limit pumping within the river to off-channel locations that do not connect to the river during high spring flows.

- If water cannot be drawn using the measures above and the pump head will be located in the river channel where larval fish are known to occur, the following measures apply:
  - Avoid pumping from low-flow or no-flow areas as these habitats tend to concentrate larval fished
  - Avoid pumping to the greatest extent possible, during that period of the year when larval fish may be present (see previous bullet); and
  - Avoid pumping, to the greatest extent possible, during the midnight hours (10:00 p.m. to 2:00 a.m.) as larval drift studies indicate that this is a period of greatest daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.
  - Screen all pump intakes with 3/32-inch mesh material.

- Report any fish impinged on the intake screen to the FWS office (801.975.3330) and the:
  Utah Division of Wildlife Resources
  Northeastern Region
  152 East 100 North
  Vernal, UT 84078
  (435) 781-9453

Air Quality

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.
- Open burning of garbage or refuse will not occur at well sites or other facilities.
- Drill rigs will be equipped with Tier II or better diesel engines.
- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, no venting will occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Telemetry will be installed to remotely monitor and control production.
- Signs will be installed on the access road, reducing speed to 25 MPH, during the drilling phase.

- When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO_2 National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas–fired drill rigs, installation of NO_X controls, time/use restrictions, and/or drill rig spacing.
- Green completions will be used for all well completion activities where technically feasible.
- Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: "Greater Monument Butte Green River Development Program", Feb. 16-, 2012). The operator shall also comply with applicable laws and regulations; with lease terms Onshore Oil and Gas orders, NTL's and with other orders and instructions of the , authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of

each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU N-17-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515810000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1965 FNL 2048 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 17 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/2/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to extend the Application for Permit to Drill this well.

Approved by the Utah Division of Oil, Gas and Mining

Date: July 16, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 7/15/2013

RECEIVED: Jul. 15, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013515810000

API: 43013515810000
Well Name: GMBU N-17-9-16
Location: 1965 FNL 2048 FWL QTR SENW SEC 17 TWNP 090S RNG 160E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 8/2/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Mandie Crozier **Date:** 7/15/2013
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Jul. 15, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

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PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1965 FNL 2048 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 17 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☑ SPUD REPORT Date of Spud: 8/16/2013	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

08/19/2013 - Hold JSA, Rig up over hole Set 4' of 14" Conductor Drill 12 1/4" hole to 296' KB. Casing set depth 300' KB On 08/20/13 cement w/180 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and1.17 yield.Returned 10bbls to pit, BLM and State were notified of spud via email.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 23, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE N/A		**DATE** 8/22/2013

RECEIVED: Aug. 22, 2013

NEWFIELD

Casing

Conductor

Legal Well Name			Wellbore Name	
GMBU N-17-9-16			Original Hole	
API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013515810000	SENW	GMBU CTB3	Exploration	Vertical
Well RC	County	State/Province	Spud Date	Final Rig Release Date
500335182	Duchesne	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	10	14	8/16/2013	8/16/2013

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Conductor	14	8/16/2013	

Centralizers	Scratchers

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Conductor	14	13.500	36.75	H-40		1	4.00	10.0	14.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

NEWFIELD

Casing

Surface

Legal Well Name	Wellbore Name
GMBU N-17-9-16	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013515810000	SENW	GMBU CTB3	Exploration	Vertical

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500335182	Duchesne	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	10	14	8/16/2013	8/16/2013
Vertical	12 1/4	14	306	8/16/2013	8/16/2013

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Surface	300	8/16/2013	

Centralizers	Scratchers
3	

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Casing Joints with 2' cut off	8 5/8	8.097	24.00	J-55	ST&C	1	39.21	11.6	50.8			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	5	205.69	50.8	256.5			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	0.91	256.5	257.4			
Shoe joint	8 5/8	8.097	24.00	J-55	ST&C	1	41.21	257.4	298.6			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.41	298.6	300.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS # 2
Submitted By Jim Smith Phone Number 823-2072
Well Name/Number GMBU N-17-9-16 9S
Qtr/Qtr SENW Section 17 Township ~~8S~~ Range 16E
Lease Serial Number UTU- 74390
API Number 43-013-51581

Rig Move Notice – Move drilling rig to new location.

Date/Time 8/27/13/2013 7:00 AM ☐ PM ☐

BOPE
☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time 8/27/2013 12:00 AM ☐ PM ☐

Remarks _____

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BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# ProPetro #8
Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU N-17-9-16
Qtr/Qtr SE/NW Section 17 Township 9S Range 16E
Lease Serial Number UTU74390
API Number 43-01351581

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 08/16/2013 8:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 08/16/2013 3:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

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BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS # 2
Submitted By Justin Crum Phone Number 823-6732
Well Name/Number GMBU N-17-9-16
Qtr/Qtr SENE Section 17 Township 9s Range 16e
Lease Serial Number UTU-74390
API Number 43-013-51581

TD Notice – TD is the final drilling depth of hole.

Date/Time 8/31/2013 6:00 AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 9/1/2013 8:00 AM ☐ PM ☐

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API Well Number: 43013515810000 PBTVD 6029'

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU74390

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: GREATER MONUMENT

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: GMBU N-17-9-16

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

3a. Phone No. *(include area code)*: Ph:435-646-3721

9. API Well No.: 43-013-51581

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 1965' FNL 2048' FWL (SE/NW) Sec 17, T9S, R16E (UTU-74390)

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: Sec 17, T9S, R16E Mer SLB

At top prod. interval reported below: 2606' FNL 1410' FWL (SE/NW) Sec 17, T9S, R16E (UTU-74390)

At total depth: 2279' FSL 1023' FWL (NW/SW) Sec 17, T9S, R16E (UTU-52018)

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded: 08/27/2013

15. Date T.D. Reached: 09/02/2013

16. Date Completed: ☐ D & A ☑ Ready to Prod. 10/17/2013

17. Elevations (DF, RKB, RT, GL)*: 6006' GL 6016'KB

18. Total Depth: MD 6289' TVD 6078'

19. Plug Back T.D.: MD 6239' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	300'		180 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6286'		230 Econocem		138'	
						450Expandacem			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@5901'	TA@5781'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4256'	6117'	4256' - 6117' MD	0.34	135	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4256' - 6117' MD	Frac w/ 879870#s of 20/40 white sand in 7254 bbls of Lightning 17 fluid, in 7 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/4/13	10/20/13	24	→	148	170	229			2.5 x 1.75 x 24' RHAC

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	3770'
				GARDEN GULCH 1	3990'
				GARDEN GULCH 2	4099'
				POINT 3	4355'
				X MRKR	4631'
				Y MRKR	4664'
				DOUGLAS CREEK MRK	4778'
				BI CARBONATE MRK	5006'
				B LIMESTONE MRK	5101'
				CASTLE PEAK	5704'
				BASAL CARBONATE	6178'
				WASATCH	6303'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 10/21/2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

RECEIVED: Oct. 28, 2013

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 17 T9, R16
N-17-9-16
Wellbore #1

Design: Actual

End of Well Report

02 September, 2013

PAYZONE DIRECTIONAL

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-17-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Site:	SECTION 17 T9, R16	**MD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Well:	N-17-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 17 T9, R16

Site Position:		**Northing:**	7,185,000.00 ft	**Latitude:**	40° 2' 12.729 N
From:	Map	**Easting:**	2,018,000.00 ft	**Longitude:**	110° 9' 4.925 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.86 °

Well N-17-9-16, SHL LAT: 40° 01' 57.94" LONG: -110° 08' 43.14"

Well Position	**+N/-S**	0.0 ft	**Northing:**	7,183,529.38 ft	**Latitude:**	40° 1' 57.940 N
	+E/-W	0.0 ft	**Easting:**	2,019,716.76 ft	**Longitude:**	110° 8' 43.140 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	6,016.0 ft	**Ground Level:**	6,006.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/23/2012	11.23	65.75	52,163

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	224.58

Survey Program **Date** 9/2/2013

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
375.0	6,289.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-17-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Site:	SECTION 17 T9, R16	**MD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Well:	N-17-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
375.0	0.30	108.80	375.0	-0.4	-0.3	0.9	0.08	0.08	0.00
405.0	0.10	356.60	405.0	-0.5	-0.3	1.0	1.17	-0.67	-374.00
436.0	0.80	34.60	436.0	-0.7	-0.1	1.1	2.33	2.26	122.58
466.0	0.80	66.30	466.0	-1.1	0.1	1.4	1.46	0.00	105.67
497.0	0.70	43.40	497.0	-1.5	0.4	1.8	1.01	-0.32	-73.87
527.0	0.10	34.70	527.0	-1.7	0.5	1.9	2.00	-2.00	-29.00
558.0	0.70	185.00	558.0	-1.6	0.4	1.9	2.54	1.94	484.84
588.0	1.25	202.50	588.0	-1.1	-0.1	1.8	2.06	1.83	58.33
619.0	1.85	235.00	619.0	-0.3	-0.7	1.2	3.36	1.94	104.84
649.0	1.90	220.00	649.0	0.6	-1.4	0.5	1.64	0.17	-50.00
680.0	2.60	222.40	679.9	1.8	-2.3	-0.3	2.28	2.26	7.74
711.0	2.00	224.60	710.9	3.1	-3.2	-1.2	1.96	-1.94	7.10
741.0	2.50	236.80	740.9	4.3	-3.9	-2.1	2.30	1.67	40.67
772.0	3.20	239.60	771.8	5.7	-4.7	-3.4	2.30	2.26	9.03
803.0	3.00	229.80	802.8	7.4	-5.7	-4.7	1.82	-0.65	-31.61
833.0	3.60	236.00	832.8	9.1	-6.7	-6.1	2.32	2.00	20.67
864.0	3.90	237.00	863.7	11.1	-7.9	-7.8	0.99	0.97	3.23
894.0	3.60	237.10	893.6	13.0	-8.9	-9.5	1.00	-1.00	0.33
924.0	4.10	234.96	923.6	15.0	-10.0	-11.1	1.73	1.67	-7.13
955.0	4.65	234.00	954.5	17.3	-11.4	-13.1	1.79	1.77	-3.10
985.0	5.75	231.70	984.3	20.0	-13.1	-15.2	3.73	3.67	-7.67
1,015.0	5.90	227.30	1,014.2	23.0	-15.0	-17.5	1.57	0.50	-14.67
1,058.0	6.60	232.00	1,056.9	27.7	-18.1	-21.1	2.02	1.63	10.93
1,102.0	6.60	231.30	1,100.6	32.7	-21.2	-25.1	0.18	0.00	-1.59
1,145.0	6.80	231.20	1,143.3	37.7	-24.3	-29.0	0.47	0.47	-0.23
1,190.0	7.10	222.10	1,188.0	43.1	-28.1	-32.9	2.53	0.67	-20.22

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-17-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Site:	SECTION 17 T9, R16	**MD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Well:	N-17-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
1,233.0	7.70	219.40	1,230.7	48.6	-32.3	-36.5	1.61	1.40	-6.28
1,277.0	8.60	224.87	1,274.2	54.9	-36.9	-40.7	2.70	2.05	12.43
1,321.0	8.60	224.80	1,317.7	61.4	-41.6	-45.4	0.02	0.00	-0.16
1,365.0	9.30	226.10	1,361.2	68.3	-46.4	-50.2	1.66	1.59	2.95
1,409.0	10.45	221.11	1,404.5	75.8	-51.8	-55.4	3.26	2.61	-11.34
1,452.0	10.55	220.80	1,446.8	83.6	-57.7	-60.6	0.27	0.23	-0.72
1,496.0	11.85	220.70	1,490.0	92.2	-64.2	-66.1	2.95	2.95	-0.23
1,540.0	12.00	217.90	1,533.0	101.2	-71.2	-71.9	1.36	0.34	-6.36
1,584.0	13.00	220.40	1,576.0	110.7	-78.6	-77.9	2.58	2.27	5.68
1,628.0	13.90	220.60	1,618.8	120.9	-86.4	-84.6	2.05	2.05	0.45
1,671.0	13.80	221.90	1,660.5	131.2	-94.1	-91.4	0.76	-0.23	3.02
1,715.0	14.50	221.10	1,703.2	141.9	-102.2	-98.5	1.65	1.59	-1.82
1,759.0	15.38	221.60	1,745.7	153.2	-110.7	-106.0	2.02	2.00	1.14
1,803.0	15.20	223.50	1,788.1	164.8	-119.3	-113.8	1.21	-0.41	4.32
1,847.0	15.80	221.90	1,830.5	176.6	-127.9	-121.8	1.67	1.36	-3.64
1,890.0	16.00	223.10	1,871.9	188.4	-136.6	-129.7	0.89	0.47	2.79
1,934.0	15.70	222.70	1,914.2	200.4	-145.4	-137.9	0.73	-0.68	-0.91
1,978.0	15.80	221.20	1,956.6	212.3	-154.3	-145.9	0.95	0.23	-3.41
2,022.0	15.60	220.70	1,998.9	224.2	-163.3	-153.7	0.55	-0.45	-1.14
2,066.0	16.10	220.70	2,041.3	236.2	-172.4	-161.6	1.14	1.14	0.00
2,110.0	15.80	221.30	2,083.6	248.2	-181.5	-169.5	0.78	-0.68	1.36
2,153.0	16.00	223.80	2,124.9	260.0	-190.2	-177.4	1.66	0.47	5.81
2,197.0	16.74	226.20	2,167.1	272.4	-198.9	-186.2	2.28	1.68	5.45
2,241.0	17.60	224.50	2,209.2	285.4	-208.1	-195.5	2.26	1.95	-3.86
2,285.0	18.40	225.80	2,251.0	299.0	-217.7	-205.1	2.03	1.82	2.95
2,328.0	18.50	227.40	2,291.8	312.6	-227.0	-215.0	1.20	0.23	3.72
2,372.0	18.50	225.90	2,333.5	326.5	-236.6	-225.1	1.08	0.00	-3.41

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-17-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Site:	SECTION 17 T9, R16	**MD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Well:	N-17-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
2,416.0	18.00	226.90	2,375.3	340.3	-246.1	-235.1	1.34	-1.14	2.27
2,459.0	18.50	226.30	2,416.2	353.8	-255.4	-244.9	1.24	1.16	-1.40
2,503.0	18.60	224.50	2,457.9	367.8	-265.2	-254.9	1.32	0.23	-4.09
2,547.0	18.90	224.20	2,499.5	381.9	-275.3	-264.7	0.72	0.68	-0.68
2,591.0	18.60	224.50	2,541.2	396.1	-285.4	-274.6	0.72	-0.68	0.68
2,634.0	18.30	224.40	2,582.0	409.7	-295.1	-284.2	0.70	-0.70	-0.23
2,678.0	18.20	226.00	2,623.8	423.4	-304.8	-293.9	1.16	-0.23	3.64
2,722.0	18.20	226.60	2,665.6	437.2	-314.3	-303.9	0.43	0.00	1.36
2,766.0	18.20	225.90	2,707.4	450.9	-323.8	-313.8	0.50	0.00	-1.59
2,810.0	18.50	224.90	2,749.1	464.8	-333.6	-323.7	0.99	0.68	-2.27
2,854.0	19.50	224.90	2,790.7	479.1	-343.7	-333.8	2.27	2.27	0.00
2,897.0	20.00	226.00	2,831.2	493.6	-353.9	-344.1	1.45	1.16	2.56
2,941.0	19.20	227.80	2,872.7	508.4	-364.0	-354.9	2.28	-1.82	4.09
2,985.0	19.90	226.00	2,914.1	523.1	-374.0	-365.7	2.10	1.59	-4.09
3,029.0	19.40	226.10	2,955.6	537.9	-384.3	-376.3	1.14	-1.14	0.23
3,073.0	19.30	227.80	2,997.1	552.4	-394.3	-387.0	1.30	-0.23	3.86
3,116.0	19.50	227.00	3,037.6	566.7	-403.9	-397.5	0.77	0.47	-1.86
3,160.0	18.50	226.30	3,079.2	581.0	-413.8	-407.9	2.33	-2.27	-1.59
3,204.0	17.50	225.40	3,121.1	594.6	-423.2	-417.6	2.36	-2.27	-2.05
3,248.0	18.00	222.70	3,163.0	608.0	-432.9	-427.0	2.19	1.14	-6.14
3,292.0	18.20	224.50	3,204.8	621.7	-442.8	-436.4	1.35	0.45	4.09
3,335.0	18.80	223.80	3,245.6	635.3	-452.6	-445.9	1.49	1.40	-1.63
3,379.0	18.80	224.30	3,287.2	649.5	-462.8	-455.8	0.37	0.00	1.14
3,423.0	18.80	227.40	3,328.9	663.7	-472.6	-465.9	2.27	0.00	7.05
3,467.0	18.40	225.00	3,370.6	677.7	-482.3	-476.1	1.96	-0.91	-5.45
3,517.0	18.00	224.80	3,418.1	693.3	-493.4	-487.1	0.81	-0.80	-0.40
3,554.0	17.90	225.00	3,453.3	704.7	-501.5	-495.1	0.32	-0.27	0.54

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-17-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Site:	SECTION 17 T9, R16	**MD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Well:	N-17-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
3,598.0	17.40	224.50	3,495.2	718.1	-510.9	-504.5	1.19	-1.14	-1.14
3,642.0	17.40	226.10	3,537.2	731.2	-520.2	-513.9	1.09	0.00	3.64
3,686.0	17.10	227.18	3,579.2	744.2	-529.2	-523.4	1.00	-0.68	2.45
3,730.0	16.80	225.40	3,621.3	757.1	-538.0	-532.6	1.36	-0.68	-4.05
3,774.0	15.90	223.20	3,663.5	769.5	-546.9	-541.3	2.48	-2.05	-5.00
3,818.0	16.20	226.00	3,705.8	781.6	-555.5	-549.8	1.89	0.68	6.36
3,862.0	15.50	227.70	3,748.2	793.6	-563.8	-558.6	1.91	-1.59	3.86
3,906.0	15.30	223.90	3,790.6	805.3	-571.9	-567.0	2.34	-0.45	-8.64
3,950.0	15.30	225.40	3,833.0	816.9	-580.2	-575.1	0.90	0.00	3.41
4,037.0	17.30	225.20	3,916.5	841.3	-597.3	-592.5	2.30	2.30	-0.23
4,081.0	17.10	226.70	3,958.6	854.3	-606.4	-601.8	1.11	-0.45	3.41
4,125.0	16.60	225.60	4,000.7	867.1	-615.2	-611.0	1.35	-1.14	-2.50
4,169.0	16.70	226.00	4,042.8	879.7	-624.0	-620.1	0.35	0.23	0.91
4,212.0	16.85	227.30	4,084.0	892.1	-632.5	-629.1	0.94	0.35	3.02
4,256.0	15.70	224.20	4,126.2	904.4	-641.1	-637.9	3.27	-2.61	-7.05
4,299.0	16.95	221.80	4,167.5	916.5	-650.0	-646.2	3.30	2.91	-5.58
4,342.0	17.60	223.50	4,208.6	929.2	-659.3	-654.8	1.91	1.51	3.95
4,386.0	17.10	220.70	4,250.6	942.4	-669.1	-663.6	2.21	-1.14	-6.36
4,430.0	16.80	218.90	4,292.6	955.1	-678.9	-671.8	1.37	-0.68	-4.09
4,474.0	16.90	221.00	4,334.8	967.8	-688.7	-680.0	1.40	0.23	4.77
4,518.0	16.90	224.00	4,376.9	980.6	-698.1	-688.6	1.98	0.00	6.82
4,561.0	17.10	224.70	4,418.0	993.2	-707.1	-697.4	0.67	0.47	1.63
4,605.0	16.70	224.90	4,460.1	1,006.0	-716.2	-706.4	0.92	-0.91	0.45
4,649.0	16.60	226.40	4,502.2	1,018.6	-725.0	-715.5	1.00	-0.23	3.41
4,693.0	17.10	225.70	4,544.3	1,031.3	-733.9	-724.6	1.23	1.14	-1.59
4,737.0	17.40	226.30	4,586.4	1,044.4	-742.9	-734.0	0.79	0.68	1.36

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-17-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Site:	SECTION 17 T9, R16	**MD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Well:	N-17-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
4,771.9	17.15	223.39	4,619.7	1,054.7	-750.3	-741.3	2.58	-0.71	-8.35
N-17-9-16 TGT									
4,780.0	17.10	222.70	4,627.4	1,057.1	-752.0	-743.0	2.58	-0.64	-8.48
4,824.0	17.10	224.50	4,669.5	1,070.1	-761.4	-751.9	1.20	0.00	4.09
4,868.0	17.50	223.40	4,711.5	1,083.1	-770.8	-761.0	1.17	0.91	-2.50
4,912.0	17.00	221.90	4,753.5	1,096.2	-780.4	-769.8	1.52	-1.14	-3.41
4,956.0	16.30	223.80	4,795.7	1,108.8	-789.6	-778.4	2.02	-1.59	4.32
4,999.0	16.40	222.20	4,836.9	1,120.9	-798.5	-786.6	1.07	0.23	-3.72
5,043.0	16.10	221.80	4,879.2	1,133.2	-807.6	-794.9	0.73	-0.68	-0.91
5,087.0	16.20	223.20	4,921.4	1,145.4	-816.7	-803.1	0.91	0.23	3.18
5,131.0	15.35	222.70	4,963.8	1,157.4	-825.4	-811.3	1.96	-1.93	-1.14
5,176.0	15.30	224.20	5,007.2	1,169.3	-834.1	-819.5	0.89	-0.11	3.33
5,220.0	15.10	227.70	5,049.6	1,180.8	-842.1	-827.8	2.13	-0.45	7.95
5,263.0	15.30	224.70	5,091.1	1,192.1	-849.9	-835.9	1.89	0.47	-6.98
5,307.0	15.60	226.30	5,133.5	1,203.8	-858.1	-844.2	1.18	0.68	3.64
5,351.0	16.10	228.60	5,175.9	1,215.8	-866.2	-853.1	1.82	1.14	5.23
5,394.0	17.00	227.80	5,217.1	1,228.0	-874.4	-862.2	2.16	2.09	-1.86
5,437.0	18.00	226.70	5,258.1	1,240.9	-883.2	-871.7	2.45	2.33	-2.56
5,481.0	19.00	227.00	5,299.8	1,254.9	-892.7	-881.9	2.28	2.27	0.68
5,525.0	19.60	225.70	5,341.4	1,269.4	-902.7	-892.4	1.68	1.36	-2.95
5,569.0	18.50	225.30	5,382.9	1,283.8	-912.8	-902.7	2.52	-2.50	-0.91
5,613.0	17.80	222.70	5,424.8	1,297.5	-922.7	-912.2	2.43	-1.59	-5.91
5,656.0	17.10	221.20	5,465.8	1,310.3	-932.2	-920.8	1.93	-1.63	-3.49
5,700.0	16.00	221.20	5,508.0	1,322.8	-941.7	-929.1	2.50	-2.50	0.00
5,744.0	15.80	222.20	5,550.3	1,334.9	-950.7	-937.1	0.77	-0.45	2.27
5,788.0	16.30	223.80	5,592.6	1,347.0	-959.6	-945.4	1.52	1.14	3.64
5,832.0	15.40	221.30	5,634.9	1,359.1	-968.4	-953.5	2.57	-2.05	-5.68

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-17-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Site:	SECTION 17 T9, R16	**MD Reference:**	N-17-9-16 @ 6016.0ft (NDSI SS #2)
Well:	N-17-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
5,876.0	15.60	225.00	5,677.3	1,370.8	-977.0	-961.6	2.29	0.45	8.41
5,919.0	14.70	224.00	5,718.8	1,382.0	-985.0	-969.4	2.18	-2.09	-2.33
5,963.0	14.20	223.80	5,761.4	1,393.0	-992.9	-977.0	1.14	-1.14	-0.45
6,007.0	14.30	220.80	5,804.0	1,403.8	-1,000.9	-984.3	1.69	0.23	-6.82
6,051.0	15.40	220.20	5,846.6	1,415.1	-1,009.5	-991.7	2.52	2.50	-1.36
6,095.0	15.30	219.80	5,889.0	1,426.7	-1,018.4	-999.1	0.33	-0.23	-0.91
6,139.0	14.00	219.90	5,931.6	1,437.8	-1,027.0	-1,006.3	2.96	-2.95	0.23
6,182.0	12.90	217.90	5,973.4	1,447.7	-1,034.7	-1,012.6	2.78	-2.56	-4.65
6,226.0	12.10	216.80	6,016.3	1,457.2	-1,042.3	-1,018.3	1.90	-1.82	-2.50
6,289.0	11.00	215.20	6,078.1	1,469.7	-1,052.5	-1,025.8	1.82	-1.75	-2.54

Checked By: _____ Approved By: _____ Date: _____

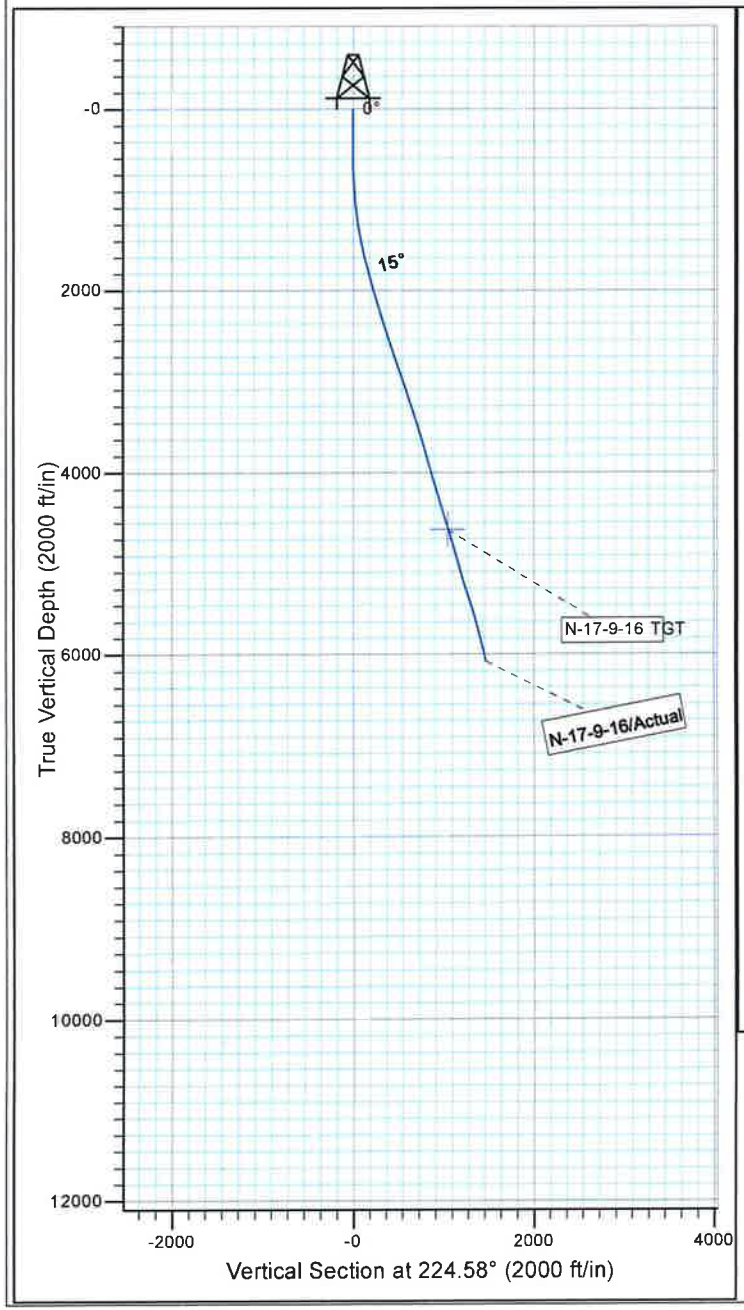
NEWFIELD

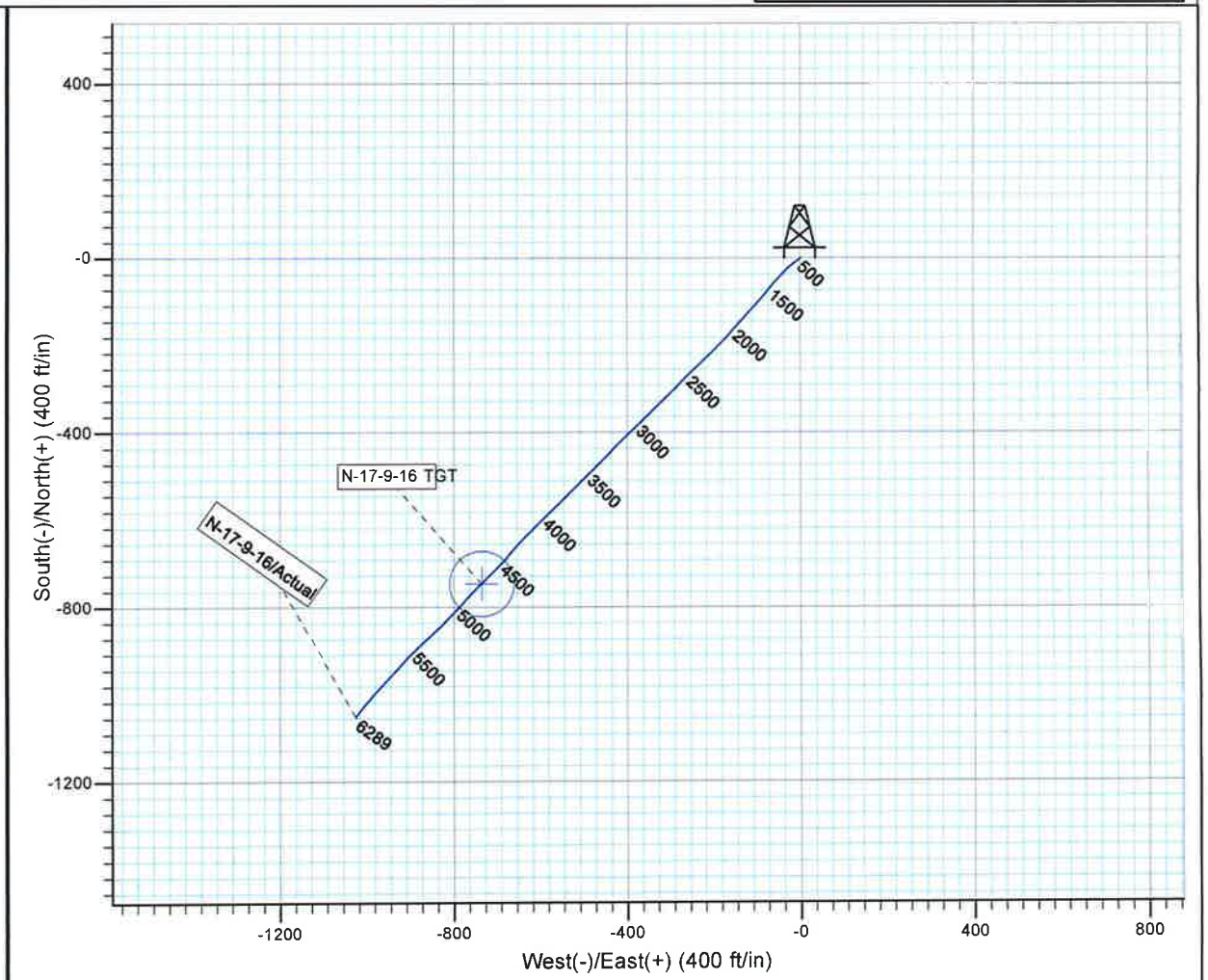
Project: USGS Myton SW (UT)
Site: SECTION 17 T9, R16
Well: N-17-9-16
Wellbore: Wellbore #1
Design: Actual

T M

Azimuths to True North
Magnetic North: 11.23°

Magnetic Field
Strength: 52163.4snT
Dip Angle: 65.75°
Date: 4/23/2012
Model: IGRF2010





PAYZONE

Design: Actual (N-17-9-16/Wellbore #1)

Created By: Sarah Webb Date: 18:45, September 02 201

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

API Well Number: 43013515810000

RECEIVED: Oct. 28, 2013

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
9/10/2013	9/10/2013	NU frac BOPs & frac valve. Run CBL. Shoot 1 stg perfs.

Start Time	End Time	Comment
06:00	06:30	JSA on NU BOPs
06:30	08:30	NU Knight oil tools 5K Cameron single blind ram & FMC 5K frac valve.
08:30	10:00	RU Perforators WLT & crane. RIH w/ logging tools
10:00	13:45	Bond log tool wasn't working
13:45	15:45	Run CBL from PBTD to surface under 0 pressure. TOC @138'.
15:45	18:15	Pressure test each component of the wellcontrol stack w/ 5 min low test of 250-300 psi for 5 min & high test of 4300 psi for 10 min. Test csg to 4300 psi for 30 min.
18:15	19:15	Perforate stage 1
19:15	20:00	RD WL truck & crane
20:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
9/12/2013	9/13/2013	Frac 7 stgs and flowback top 2

Start Time	End Time	Comment
00:00	05:15	
05:15	08:15	RU Halliburton frac equipment & Perforators WLT & crane
08:15	08:45	Frac stage 1, CP5 sds w/ 20,350#s 20/40 white sand in 412 bbls fluid. Bullhead 500 gal 15% HCL ahead of frac. Open well pressure 2 psi. Broke @ 4043 psi w/ 3 bbls @ 4.6 BPM.
08:45	09:51	Perforate stage 2
09:51	10:15	Frac stage 2, CP1 sds w/ 20,000#s 20/40 white sand in 359 bbls fluid. Open well pressure 1545 psi. Broke @ 2974 psi w/ 5.5 bbls @ 5.8 BPM.
10:15	12:00	Perforate stage 3
12:00	12:15	Frac stage 3, LODC sds w/ 495,530#s 20/40 white sand in 3445 bbls fluid. Open well pressure 987 psi. Broke @ 2454 psi w/ 1.5 bbls @ 3.2 BPM.
12:15	13:03	Perforate stage 4
13:03	13:48	Frac stage 4, B1,C,D3 & D2 sds w/ 131,710#s 20/40 white sand in 1008 bbls fluid. Open well pressure 179 psi. Broke @ 1829 psi w/ 4.7 bbls @ 6 BPM.
13:48	14:36	Perforate stage 5
14:36	14:54	Frac stage 5, DS3 & PB10 sds w/ 45,000#s 20/40 white sand in 495 bbls fluid. Open well pressure 1340 psi. Broke @ 1557 psi w/ 2.3 bbls @ 4.7 BPM.

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Start Time	End Time	Comment
14:54	15:42	Perforate stage 6
15:42	16:00	Frac stage 6, PB8 sds w/ 50,170#s 20/40 white sand in 544 bbls fluid. Open well pressure 324 psi. Broke @ 1304 psi w/ 1.3 bbls @ 4.6 BPM.
16:00	18:00	When perforating stage 7, the top three guns all shot at the same time. MU new gun and finish perforating stg 7 perfs.
18:00	19:00	Perforate stage 7
19:00	19:42	Frac stage 7, GB6 & GB4 sds w/ 170,860#s 20/40 white sand in 1233 bbls fluid. Open well pressure 34 psi. Broke @ 2563 psi w/ 2.7 bbls @ 4.6 BPM.
19:42	00:00	Open well for flowback @ approx 3 BPM. Well flowed for 4 hours & died. Recovered approx 600 bbls.

Report Start Date	Report End Date	24hr Activity Summary
9/27/2013	9/28/2013	MIRUSU. NU drill out BOPs. RU rig floor.

Start Time	End Time	Comment
00:00	12:00	
12:00	12:30	
12:30	13:30	SIRU/ DERRICK INSPECTION
13:30	14:30	MOVE HORSE HEADS/ SI PUMP AND TANK WHILE WAITING ON BOPS
14:30	16:30	RU BOP, FUNCTION TEST, RD WORKFLOOR, RU TBG EQUIPTMENT, HANG LIFTING CYLINDER, SI PIPE RACKS, SDFN
16:30	17:30	
17:30	00:00	

Report Start Date	Report End Date	24hr Activity Summary
9/30/2013	10/1/2013	Pressure test BOPs. PU tbg & drill out plugs.

Start Time	End Time	Comment
00:00	06:00	
06:00	07:00	CREW TRAVEL, JSA, JSP, START EQUIPTMENT
07:00	09:00	B&C TESTED BOP'S, UNLOAD 204 JNTS 2 7/8" J-55 TBG, PREP/ TALLEY TBG
09:00	11:30	PU NEW 4 3/4" MILL, POBS, 135 JNTS 2 7/8' J-55 TBG TAGGING KILL PLUG @ 4210'
11:30	12:00	STRIP ON WASHINGTON RUBBER, RU POWER SWIVEL

Start Time	End Time	Comment
12:00	19:30	DRILL OUT KILL PLUG (12MIN), NO PRESSURE UNDER PLUG, SWIVEL IN 3 JNTS TAGGING 80 FT OF FILL ON FIRST PLUG, CLEAN OUT FILL TAGGING PLUG @ 4410, JNT 141, DRILL OUT PLUG (10 MIN) NO PRESSURE UNDER PLUG, ROLL FILL OUT OF HOLE BEFORE MAKING CONNECTIONS, SWIVEL IN 3 JNTS TAGGING SOLID PLUG @ 4520, (NO FILL), DRILL OUT PLUG NO PRESSURE UNDER PLUG, 12MIN, SWIVEL IN 7 JNTS TAGGING 90 FT OF FILL ON PLUG #3, CLEAN OUT FILL DWN TO PLUG @ 4810, DRILL OUT PLUG 10 MIN, NO PRESSURE UNDER PLUG, ROLL OUT FILL BEFORE MAKING CONNECTIONS, SWIVEL IN 6 JNTS TAGGING 90 MORE FT OF FILL, CLEAN OUT FILL DWN TO SOLID PLUG @ 5140, DRILL OUT PLUG 10 MIN, NO PRESSURE UNDER PLUG, (LODC ZONE), ROLL OUT FILL BEFORE MAKING CONNECTIONS, SWIVEL IN 9 JNTS TAGGING 150 FT OF FILL ON NEXT PLUG #5, DRILL OUT PLUG (NO PRESSURE)
19:30	20:00	ROLL HOLE CLEAN, SWIFN, PULL HIGH KELLEY, EOT @ 5550
20:00	21:00	Travel
21:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
10/1/2013	10/2/2013	Drill out remaining plugs. Round trip tbg. PU rods.

Start Time	End Time	Comment
00:00	06:00	SWIFN
06:00	07:00	Travel
07:00	09:00	TBG 10 PSI, CSG 10 PSI, SWIVEL IN 7 JNTS TAGGING 60 FT OF FILL ON LAST PLUG, CLEAN OUT FILL TAGGING PLUG @ 5860, JNT 187, DRILL OUT PLUG 10MIN, NO PRESSURE UNDER PLUG, SWIVEL IN 11 JNTS CLEANING OUT 40 FT OF FILL ON PBTD, CLEAN OUT DWN TO PBTD @ 6239'.
09:00	11:30	ROLL HOLE 250 BBLS BEFORE RETURNS CLEANED UP
11:30	13:30	LD 8 TOTAL JNTS ON RACKS, POOH W/ 196 JNTS TO DERRICK, LD POBS/ MILL
13:30	15:00	RIH W/ PURGE VALVE, 1 JNT, DE-SANDER, 4FT SUB, 1 JNT, SN, 1 JNT, TAC, 193 MORE JNTS, ADDING 4FT SUB TO STRING, SETTING TAC FROM WORKFLOOR W/ 18,000#'sTENSION
15:00	16:00	RD WORKFLOOR, ND BOP, ND BLIND RAM, REMOVE 4FT SUB FROM WELL, LAND WELL, NU WELLHEAD, 193 JNTS TAC @ 6065.70, 1 JNT, SN @ 6099.9, 1 JNT, 4FT SUB, DE-SANDER @ 6136.53, 1 JNT, PURGE VALVE
16:00	19:00	PU AND PRIME NEW (NATIONAL) PUMP, 2.5 X 1.75 X 24' RHAC, 30 7/8" 8PERS, 135 3/4" 4PERS, 77 7/8" 4PERS, SPACE OUT W/ 8FT AND 2 FT 7/8" PONIES, PU 1 1/2" X 30FT POLISH ROD, SWIFN, SDFN
19:00	20:00	Travel
20:00	00:00	SWIFN

Report Start Date	Report End Date	24hr Activity Summary
10/10/2013	10/11/2013	MIRUSU. RD pumping unitl TOOH w/ rods. Perforate tbg.

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Start Time	End Time	Comment
00:00	03:30	Well was flowing to tanks.
03:30	04:30	Crew Travel and Safety Meeting
04:30	05:30	Road rig from B-25 to n-17
05:30	07:00	RUSU
07:00	10:00	bleed csg down from 1500 PSI down to 400PSI rig up hotoiler to pump 65bbls down csg starting preasure 600 PSI end preasure 200 PSI unseat pump @6000 over string weight
10:00	11:30	Pump 5 bbls to fill tbg, will not flush TOOH w/rods as detailed 77 7/8" 4per, 135 3/4" 4per, 30 7/8" 8per, 1 NOV pump 2.5x1.75-RHAC-24' LD pump rig up hotoiler to flush tbg wont flush, 5 bbls to fill preasure up tbg to 3000 psi holds solid
11:30	13:00	Change over tbg equip and wait on wireline
13:00	16:00	Rig up wireline to perf tbg, perf @ 6085'. Flush tbg and rig down wireline, pump 120 bbls to try and release TAC.
16:00	18:30	NU BOPs
18:30	19:30	Crew travel
19:30	00:00	Well was flowing to tanks.

Report Start Date	Report End Date	24hr Activity Summary
10/11/2013	10/12/2013	Attempt releasing TA. Free-point tbg & cut.

Start Time	End Time	Comment
00:00	06:00	Well flowing to tanks.
06:00	07:00	Crew travel
07:00	09:00	Bleed down csg 1200psi to 200psi. RU hotoiler and pump 130bbls 7% KCL down tbg to kill well, rig up Graco Power Swivel to Release TAC
09:00	13:00	work tbg w/swivel and attempt to release TAC for 4 hrs – no luck TAC still set
13:00	13:30	RD swivel wait on wireline to free point and cut tbg
13:30	15:30	RU wireline to free point and cut tbg @6079
15:30	17:00	RD wireline, pull 40 jts tbg EOT @4814 shut tbg in over weekend, flow up csg w/choke on 40/64
17:00	18:00	Crew travel
18:00	00:00	Flow well to production tanks.

Report Start Date	Report End Date	24hr Activity Summary
10/14/2013	10/15/2013	TOOH w/ tbg. NU annular bag. MU fishing tools & TIH.

Start Time	End Time	Comment
00:00	06:00	well flowing to production tanks

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Start Time	End Time	Comment
06:00	07:00	crew travel
07:00	10:00	pump125bbls 20% kcl down the tbg Tooh w/ 28 jnts. Csg started flowing oil pump another 120bbls 20% kcl
10:00	11:30	cont Tooh w/156 pump another 60bbls 20% kcl
11:30	12:30	cont Tooh 193 jnt TAC 10' piece of 27/8 tbg ND washington rig up floor wait on annular bag
12:30	14:30	nipple up annular bag rig down floor and tbg works
14:30	15:30	make up wash shoe 1 jnt 4 ½ wash pipe
15:30	16:30	Bull head down 50bbls 20% kcl RIH w/ first jmt well came alive
16:30	18:00	POOH pump another 150bbls 20% kcl trikle down csg while making up BHA
18:00	19:00	TIH w/ 80 jnts 2 7/8 tbg shut tbg in leave csg open down flow line
19:00	20:00	crew travel
20:00	00:00	well flowing to production tanks

Report Start Date	Report End Date	24hr Activity Summary
10/15/2013	10/16/2013	TIH w/ tbg & fishing tools. Could not get well to circulate

Start Time	End Time	Comment
00:00	06:00	Well flowing to tanks
06:00	07:00	Crew travel
07:00	07:30	ck pres on well 500psi on tbg -0 on csg pump 40bbls 20% down the tbg
07:30	09:45	TIH w/ tbg 20 jnts tbg started flowing stab TIW valve pump another 50bbls 20% kcl down tbg 8:15am cont. TIH w/ tbg
09:45	10:15	RU GRACO swivel tally tbg on trailer
10:15	11:00	pump 212bbls 20% kcl no circ. Shut down make new game plan
11:00	11:45	Wait on orders
11:45	12:45	shoot fluid level down csg @ 1200' from surface wait on bio frac balls and wtr
12:45	14:45	pump 20bbls 7% kcl down csg drop 100 bio balls down csg pump 120bbls 7% kcl still no circ drop another 100 bio balls pump another 260bbls 7% kcl still no circ.
14:45	15:30	shut down wait on new plan
15:30	18:00	hang back swivel TOOH w/ tbg and wash pipe
18:00	19:00	Crew travel

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Start Time	End Time	Comment
19:00	00:30	Flow well to tanks

Report Start Date	Report End Date	24hr Activity Summary
10/16/2013	10/17/2013	TIH w/ RBP & Pkr. Test wellbore. TOOH w/ RBP & Pkr. TIH w/ production tbg & NU wellhead

Start Time	End Time	Comment
00:00	06:00	Well flowing to tanks
06:00	07:00	Crew travel
07:00	09:00	shoot fluid level 634' from surface make up RIH w/ 5 ½ RBP&PKR 134 jnts 2 7/8 tbg pump 25bbls 7% kcl no circ
09:00	09:30	set RBP @ 4221' fill csg w/ 20bbls 7% kcl pres. Up well bore to 1500psi good test
09:30	11:30	release RBP TOOH w/ 134 jnts tbg LD plug and pkr 10:30am make up rih w/ 4 ½ wash shoe 4 jnts 4 ½ wash pipe 2 jnts 3 ½ drill collars 2 jnts 2 7/8 tbg shut well in
11:30	12:45	Wait on orders
12:45	14:00	LD wash pipe and collars
14:00	15:45	make up new prod. BHA perge valve,1jt tbg desander,1-4'x2 7/8 tbg pup,1 jnr,PSN,1 jnt,TAC w/carb slips, 184 jnts 2 7/8 tbg
15:45	16:30	pre set TAC good land on hanger through BOPS RD floor and tbg eqp
16:30	17:00	PU set TAC @ 5780' w/ 18,000 tension land w/ hanger PSN @5815' EOT @ 5901' NU well head
17:00	18:00	RU hot oiler flush tbg w/ 70bbls 7% kcl @ 250f SWIFN
18:00	19:00	crew travel
19:00	00:00	SWFN

Report Start Date	Report End Date	24hr Activity Summary
10/17/2013	10/17/2013	PU & prime NOV rod pump. TIH w/ rods. RDMOSU. PWOP

Start Time	End Time	Comment
00:00	06:00	Well was open to tanks.
06:00	07:00	Crew travel
07:00	09:30	Chech pressure on well, 600 psi csg, 0 psi tbg. PU & prime NOV 2-1/2" X 1-3/4" X 20' X 24' RHAC rod pump. TIH w/ rods as detailed. LD 10- 3/4" 4 per guided rods.
09:30	10:00	RU pumping unit. Stroke test pump to 800 psi.
10:00	11:00	RDMOSU. PWOP @ 11:00 am 10/17/13 w/ 144" SL & 5 SPM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU N-17-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515810000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1965 FNL 2048 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 17 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 10/4/2013	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was placed on production on 10/04/2013 at 15:30 hours. Production Start sundry re-sent 06/10/2014.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 11, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE N/A		**DATE** 6/10/2014

RECEIVED: Jun. 10, 2014

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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SUNDRY NOTICES AND REPORTS ON WELLS

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9. API NUMBER: 43013515810000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1965 FNL 2048 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 17 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/17/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Well Clean Out

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Due to a history of scale build up, Newfield will be running a bit and scraper to clean out the wellbore with the intention to increase hydrocarbon production and bring the well back up to economic production volumes.

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 25, 2016

By: Dark K Dunt

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 8/18/2016

RECEIVED: Aug. 18, 2016

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390

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7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

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9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1965 FNL 2048 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 17 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 8/22/2016	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Well Clean Out

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The well clean out has been completed on the above mentioned well.
See attached job summary report.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 02, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 9/1/2016

RECEIVED: Sep. 01, 2016

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
8/12/2016	8/12/2016	MIRUWOR WWS #7. RD pumping unit. TOOH w/ rod detail. ND & remove well head. Install, NU, & test BOP. Release TAC. Attempt to TIH w/ tbg totag fill. find tbg to be scaled in. Could pull up 20' from where TAC was set & 8' below. Attempt to work tbg free w/ out success. SWIFW.

Start Time	End Time	Comment
06:00	06:30	Crew travel from location.
06:30	07:00	Pre-job safety meeting & JSA discussion.
07:00	08:00	RDMOWOR WWS #7 off of the H-17-9-16. Move rig over & pot on the N-17-9-16.
08:00	09:00	MIRUWOR WWS #7.
09:00	09:30	RD pumping unit. Unseat rod pump.
09:30	10:30	Flush rods & tbg w/ 40 bbls wtr @ 250°. Soft seat pump. Fill & test tbg to 3000 psi. Good test.
10:30	12:00	Retrieve rods. TOOH w/ rod detail @ follows. 57 - 7/8" 4 per guided, 110 - 3/4" 4 per guided, & 23 -7/8' guided rods. LD old pump. Flushed rods w/ an additional 10 bbls wtr on TOOH.
12:00	13:30	X-over to tbg handling equipment. ND & remove well head.
13:30	14:30	Install & NU BOP. RU work floor.
14:30	15:30	Pressure test BOP.
15:30	18:00	Release TAC. Attempt to TIH PU tbg to tag fill. Find tbg will only travel 8' down & 20' up from where TAC was set. Work tbg string in attempt to free w/ out success. SWIFW
18:00	18:30	Crew travel from location.

Report Start Date	Report End Date	24hr Activity Summary
8/15/2016	8/15/2016	Attempt to work tbg free. TOOH w/ tbg detail.

Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL
07:00	08:30	NEWFIELD ORIENTATION, SAFETY MTG, SERVICE RIG.
08:30	14:00	BLOW DOWN CSG, TBG NO PRESS. WORK TBG TO FREE UP TAC FOR 1 HOUR. TAC MOVING FREE. PU 5 JTS 2 7/8" TBG EOT@ 5391'. TOOH W/ 36 JTS 2 7/8" J-55 TBG(TBG PLUGGED), PUMP 15 BBLS DOWN TBG. CONT TOOH W/ 86 JTS 2 7/8" J-55 TBG, FLUSH TBG W/ 10 BBLS. CONT TOOH W/ 30 JTS 2 7/8" J-55 TBG. LD 5 1/2" TAC(SHEARED) 1 JT, PSN, 1 JT, 4' PUP JT, DESANDER. TOOH W/ 12 JTS - JTS OF FILL(2 BOTTOM JTS HEAVY CORRISION), BULL PLUG. SCALE STARTED @4500'- HEAVY AROUND BHA
14:00	18:00	PU, TIH W/ 4 3/4" DRAG BIT(NEW), BIT SUB, FLAPPER, 4' PU[P JT, FLAPPER, 51 JTS 2 7/8" J-55 TBG (CAVITY), SCREEN SUB, JET SUB, X-OVER, SCREEN SUB, 116 JTS 2 7/8" J-55 TBG. PU 13 JTS 2 7/8" J-55 TBG, TAG FILL@ 5628'. TOOH W/ 2 JTS 2 7/8" J-55 TBG, MU WASHINGTON RUBBER. EOT@5564' SDFN@ 6:00PM
18:00	19:00	CREW TRAVEL TO HOME

Report Start Date	Report End Date	24hr Activity Summary
8/16/2016	8/16/2016	Clean out 10' fill. Stopped making hole. TOOH to diagnose issue. Found bit to be worn. MU new bit. TIH w/ tbg to 5564'. SWIFN

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Start Time	End Time	Comment
06:00	06:30	Crew travel to location.
06:30	07:00	Pre- job safety meeting & JSA discussion.
07:00	10:30	Open well. RU power swivel. Pump 35 bbls wtr down tbg @ 1 bpm w/ hot oiler. Start working tbg down to clean out fill. Was seeing a lot of torque from tbg string while rotating w/ power swivel. Make 5'. MU jt # 129. Continue working tbg down to clean out fill. Made 5' & could not continue. Work tbg off of fill & back down while pumping 20 bbls wtr. Still could not make hole.
10:30	14:00	TOOH w/ 129 jts tbg. Get to venturi assembly. find btm screen to have plugged off w/ sizable chunks of scale. Continue TOOH w/ remaing 51 jt cavity. find approx 10' of sand & scale in btm jt. Bit was worn & plugged off.
14:00	16:30	MU 4 3/4" tri-cone bit. TIH w/ bailer assembly & tbg @ follows. flapper valve, pup jt, flapper valve, 51 jt cavity, venturi assembly, & 129 jts tbg.
16:30	17:00	Install washinton style stripping rubber. Stand back 2 jts tbg. SWIFN
17:00	17:30	Crew travel from location.

Report Start Date	Report End Date	24hr Activity Summary
8/17/2016	8/17/2016	Clean out 3' fill. Stoped making hole. TOOH w/ tbg. LD venturi bailer. MU hydrostatic bailer. TIH w/ tbg. Clean out 28' fill. Bailer malfunctioned & stopped working. TOOH w/ 2 jts tbg. SWIFN.

Start Time	End Time	Comment
06:00	06:30	Crew travel to location.
06:30	07:00	Pre-job safety meeting & JSA discussion.
07:00	09:00	PU 1 jt tbg. Tag fill @ 5635'. Clean out fill to 5638'. Stopped making hole. Work tbg for 1 hr w/ out making any further progress.
09:00	12:00	TOOH w/ 129 jtstbg. LD venturi bailer assembly. Continue TOOH w/ 51 jts tbg. Find btm jt to be full of sand & scale. LD tri-cone bit due to 2 cones being seized & teeth to be missing off of all cones.
12:00	14:00	MU Hydrostaic bailer assembly & TIH w/ tbg @ follows. 4 3/4" concave mill, bit sub, flapper valve, pup jt, flapper valve, 41 jt cavity, bailer, drain sub PSN, & pup jt. Continue TIH w/ 138 jts tbg.
14:00	18:00	Tag fill @ 5638'. Clean out 28' fill. bailer stopped working. Hang power swivel back in derrick. Attempt to get bailer to stroke properly w/ out success.
18:00	18:30	TOOH w/ 2 jts tbg. SWIFN
18:30	19:00	Crew travel from location.

Report Start Date	Report End Date	24hr Activity Summary
8/18/2016	8/18/2016	Attempt to bail fill. Bailer not sucking. TOOH w/ tbg. Clean out fill from cavity. TIH w/ tbg. cleanout 11' fill from 5666'-77'. Bailer stopped stroking. TOOH w/ 20 jts tbg. SWIFN.

Start Time	End Time	Comment
06:00	06:30	Crew travel to location.
06:30	07:00	Pre-job safety meeting & JSA discussion.

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Start Time	End Time	Comment
07:00	09:00	TIH w/ 3 jts tbg. Tag fill @ 5666'. Attempt to clean out fill. Bailer had good stroke action but failed to create suction. Hang back power swivel in derrick.
09:00	12:00	TOOH w/ 138 jts tbg, pup jt, PSN, drain sub, bailer, 41 jt cavity, flapper valve, pup jt, flapper valve, bit sub, & mill. btm 2.5 jts full of fill. Clean out plgged jts. Steam off work floor & equipment.
12:00	14:00	TIH w/ tbg as follows. 4 3/4" 4 bladed mill, bit sub, flapper valve, pup jt, flapper valve, 41 jt cavity, bailer, drain sub, PSN, pup jt, & 138 jts tbg.
14:00	17:00	RU power swivel. Tag fill @ 5666'. Clean out 11' fill. Bailer stopped stroking. Leave fill @ 5677'.
17:00	18:30	Rack out power swivel. TOOH w/ 20 jts tbg to leave EOT @ 4992'. SWIFN
18:30	19:00	Crew travel from location.

Report Start Date	Report End Date	24hr Activity Summary
8/19/2016	8/19/2016	Continue TOOH w/ tbg. LD bailer assembly. MU bit & scraper. TIH w/ tbg. Spot acid across open perfs on TOOH. MU production BHA. TIH w/ tbg to leave EOT @ 4192'. SWIFW

Start Time	End Time	Comment
06:00	06:30	Crew travel to location.
06:30	07:00	Pre- job saftey meeting & JSA discussion.
07:00	09:00	Continue TOOH w/ 118 jts tbg. LD pup jt, PSN, darin sub, & bailer. Continue TOOH w/ 41 jts tbg. LD flapper valve, pup jt, flapper valve, bit sub, & bit. TBG had 3' fill in btm jt. Steam off work floor & equipment w/ hot oiler.
09:00	11:00	MU bit & scraper, bit sub, PSN, & pup jt. TIH w/ 173 jts tbg. PU 8 jts tbg. Tag fill @ 5676'. LD 13 jts tbg placing EOT @ 5312'.
11:00	13:30	RU Drilling Fluid Technology. Pump 5 bbls 15% HCl followed by 31 bbls production wtr. TOOH w/ 18 jts tbg to put EOT @ 4745'. Pump 8 blls 15% HCl followed by 28 bbls production wtr. TOOH w/ 16 jts tbg to put EOT @ 4241'. Pump 7 bbls HCl followed by 25 bbls production water. All perfs went on vacuum after pumping HCl & production water.
13:30	14:30	TOOH w/ 138 jts tbg. LD pup jt, PSN, bit sub, & bit & scraper.
14:30	16:30	MU production BHA & TIH w/ tbg detail @ follows. Purge valve, 3 jts 2 7/8" 6.5# EUE J-55 tbg, deander, pup jt, 1 jt, PSN, 37 jts tbg, TAC, & 90 jts tbg to leave EOT @ 4192'. SWIFW
16:30	17:00	Crew travel from location.

Report Start Date	Report End Date	24hr Activity Summary
8/22/2016	8/22/2016	Continue TIH w/ production tbg string. PU & prime new pump. TIH w/ updated production rod string. RDMO WOR.

Start Time	End Time	Comment
06:00	07:00	Crew travel
07:00	09:30	CK PRESS, OPEN WELL. CONT TIH W/ 32 JTS 2 7/8" J-55 TBG, PU 6 JTS 2 7/8" J-55 TBG. PRE SET TAC, RELEASE SAME. LAND TBG W/ 5K HANGER. RD TBG WORKS, FLOOR, ND BOP. SET 5 1/2" TAC W/ 11,000# TENSION@ 4211', PSN@ 5373', EOT@ 5522'. LAND TBG W/ HANGER, NU WELLHEAD.
09:30	10:00	X-OVER TO ROD EQUIP, FLUSH TBG W/ 30 BBLS H2O

NEWFIELD

Summary Rig Activity

Well Name: GMBU N-17-9-16

Start Time	End Time	Comment
10:00	12:30	PU, PRIME 2 1/2"X 1 3/4"X 24' RHAC W/ 188" STROKE WEATHERFORD PUMP. TIH W/ 23-7/8" 8 PER, PU 1-7/8" 8 PER(NEW), 20- 3/4" 8 PER (NEW) W/ SH COUPLINGS. LD 5- 3/4" 4 PER BAD (WEAR). TIH W/ 106- 3/4" 4 PER, 57- 7/8" 4 PER, PU 7- 7/8" 4 PER W/ SH COUPLINGS. SPACE OUT W/ 1-6',1-4' X 7/8" PONY RODS. PU 1 1/2" X 30' POLISH ROD, SEAT PUMP.
12:30	14:30	FILL TBG W/ 15 BBLS, HANG HEAD, STROKE RODS W/ UNIT TO 800 PSI- OK. HAD ISSUES W/ CENTERING HEAD. RDMO@ 2:30PM